

BASE-LINE
1st Quarter, 1982

**CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JANUARY,
FEBRUARY, MARCH, 1982)**

Project 2694-1

**Report Eighty-Three
A Progress Report**

to

**FOURDRINIER KRAFT BOARD GROUP
OF THE
AMERICAN PAPER INSTITUTE**

June 1, 1982

GEORGIA-PACIFIC CORPORATION

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BASE-LINE
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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

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June 1, 1982

TABLE OF CONTENTS

| | Page |
|--|--|
| SUMMARY | 1 |
| INTRODUCTION | 5 |
| PRESENTATION OF DATA | 5 |
| Presentations (Tables): | |
| Table I-II-III | 26-Lb Linerboard, Monthly Averages of Mill Data 6-7-8 |
| Table IV-V-VI | 33-Lb Linerboard, Monthly Averages of Mill Data 9-10-11 |
| Table VII-VIII-IX | 38-Lb Linerboard, Monthly Averages of Mill Data 12-13-14 |
| Table X-XI-XII | 42-Lb Linerboard, Monthly Averages of Mill Data 15-16-17 |
| Table XIII-XIV-XV | 69-Lb Linerboard, Monthly Averages of Mill Data 18-19-20 |
| Table XVI-XVII-XVIII | 90-Lb Linerboard, Monthly Averages of Mill Data 21-22-23 |
| Table XIX | Data on Conditioning and Testing Environments 25 |
| APPENDIX. NOTES A, B, C, AND D USED IN TABULATION OF MILL DATA | 27 |

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JANUARY, FEBRUARY, MARCH, 1982)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA
(DECEMBER, 1981-MARCH, 1982)

| Linerboard Grade Wt. | | Moisture Content | | | |
|----------------------|-------------------|------------------|---------|----------|---------|
| | | December | January | February | March |
| 26 Lb | Max. ^a | 6.3 | 6.3 | 6.2 | 6.1 |
| | Min. ^a | 3.6 | 3.9 | 3.1 | 3.3 |
| | Av. ^b | 5.1(14) | 5.1(14) | 5.0(16) | 5.1(17) |
| 33 Lb | Max. ^a | 6.7 | 6.2 | 6.3 | 6.1 |
| | Min. ^a | 2.4 | 2.4 | 2.4 | 2.2 |
| | Av. ^b | 4.9(24) | 5.0(20) | 5.1(25) | 4.9(25) |
| 38 Lb | Max. ^a | 6.3 | 7.6 | 6.4 | 6.3 |
| | Min. ^a | 4.6 | 4.3 | 4.0 | 4.5 |
| | Av. ^b | 5.4(17) | 5.4(19) | 5.4(19) | 5.6(18) |
| 42 Lb | Max. ^a | 6.6 | 6.5 | 6.7 | 6.9 |
| | Min. ^a | 3.2 | 4.0 | 4.4 | 4.6 |
| | Av. ^b | 5.5(40) | 5.5(38) | 5.7(38) | 5.7(42) |
| 69 Lb | Max. ^a | 7.1 | 7.0 | 7.5 | 7.5 |
| | Min. ^a | 4.2 | 4.1 | 4.7 | 5.1 |
| | Av. ^b | 6.1(24) | 6.0(24) | 6.2(26) | 6.3(28) |
| 90 Lb | Max. ^a | 6.9 | 7.0 | 7.4 | 7.5 |
| | Min. ^a | 4.9 | 5.0 | 6.1 | 5.2 |
| | Av. ^b | 6.2(11) | 6.2(12) | 6.7(11) | 6.4(13) |

^aCurrent machine average.

^bCurrent F.K.B.G. average, number of machines is indicated in parentheses.

PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(DECEMBER, 1981-MARCH, 1982)

| Linerboard Grade Wt. | | Adjusted Basis Weight, lb/M ft ² | | | |
|----------------------|-------------------|---|----------|----------|----------|
| | | December | January | February | March |
| 26 Lb | Max. ^a | 28.0 | 27.1 | 28.6 | 28.5 |
| | Min. ^a | 25.6 | 25.5 | 25.4 | 26.1 |
| | Av. ^b | 26.5(14) | 26.3(14) | 26.5(16) | 26.5(17) |
| 33 Lb | Max. ^a | 34.1 | 34.4 | 34.2 | 34.5 |
| | Min. ^a | 32.8 | 32.7 | 32.9 | 32.8 |
| | Av. ^b | 33.4(24) | 33.4(20) | 33.3(25) | 33.4(25) |
| 38 Lb | Max. ^a | 39.1 | 39.6 | 40.0 | 39.1 |
| | Min. ^a | 38.0 | 37.7 | 37.6 | 38.0 |
| | Av. ^b | 38.5(17) | 38.5(19) | 38.5(19) | 38.4(18) |
| 42 Lb | Max. ^a | 43.0 | 43.0 | 43.2 | 43.6 |
| | Min. ^a | 41.7 | 41.5 | 41.9 | 41.8 |
| | Av. ^b | 42.3(40) | 42.4(38) | 42.4(38) | 42.4(42) |
| 69 Lb | Max. ^a | 70.2 | 70.3 | 70.5 | 70.3 |
| | Min. ^a | 68.3 | 68.2 | 68.5 | 68.6 |
| | Av. ^b | 69.5(24) | 69.5(24) | 69.4(26) | 69.5(28) |
| 90 Lb | Max. ^a | 92.0 | 91.2 | 91.7 | 91.2 |
| | Min. ^a | 89.9 | 89.7 | 89.4 | 90.0 |
| | Av. ^b | 90.8(11) | 90.6(12) | 90.5(11) | 90.6(13) |

^aCurrent machine average.

^bCurrent F.K.B.G. average, number of machines is indicated in parentheses.

PART III: SUMMARY OF CALIPER DATA
(DECEMBER, 1981-MARCH, 1982)

| Linerboard Grade Wt. | | Caliper, pt. | | | |
|----------------------|-------------------|--------------|----------|----------|----------|
| | | December | January | February | March |
| 26 Lb | Max. ^a | 8.5 | 9.0 | 8.9 | 8.9 |
| | Min. ^a | 7.3 | 7.3 | 7.1 | 7.3 |
| | Av. ^b | 7.8(14) | 7.9(14) | 7.9(16) | 7.9(17) |
| 33 Lb | Max. ^a | 11.0 | 11.4 | 10.6 | 10.8 |
| | Min. ^a | 9.2 | 8.7 | 8.7 | 8.2 |
| | Av. ^b | 9.8(24) | 9.8(18) | 9.6(23) | 9.7(24) |
| 38 Lb | Max. ^a | 11.3 | 11.5 | 11.7 | 11.4 |
| | Min. ^a | 10.0 | 10.1 | 9.5 | 9.1 |
| | Av. ^b | 10.7(15) | 10.8(17) | 10.8(18) | 10.8(17) |
| 42 Lb | Max. ^a | 13.1 | 13.2 | 12.9 | 13.1 |
| | Min. ^a | 10.7 | 10.8 | 10.9 | 10.5 |
| | Av. ^b | 11.8(39) | 11.9(34) | 11.9(35) | 11.9(41) |
| 69 Lb | Max. ^a | 20.8 | 21.7 | 22.0 | 22.2 |
| | Min. ^a | 17.5 | 17.6 | 17.3 | 17.7 |
| | Av. ^b | 19.5(23) | 19.5(23) | 19.6(24) | 19.7(26) |
| 90 Lb | Max. ^a | 26.9 | 27.2 | 27.4 | 27.3 |
| | Min. ^a | 23.5 | 23.5 | 23.1 | 23.3 |
| | Av. ^b | 25.4(10) | 25.5(11) | 25.2(10) | 25.4(13) |

^aCurrent machine average.

^bCurrent F.K.B.G. average, number of machines is indicated in parentheses.

PART IV: SUMMARY OF BURSTING STRENGTH DATA
(DECEMBER, 1981-MARCH, 1982)

| Linerboard Grade Wt. | | Bursting Strength, psig | | | |
|----------------------|-------------------|-------------------------|---------|----------|---------|
| | | December | January | February | March |
| 26 Lb | Max. ^a | 79 | 81 | 82 | 82 |
| | Min. ^a | 64 | 64 | 62 | 64 |
| | Av. ^b | 70(14) | 71(14) | 70(16) | 72(17) |
| 33 Lb | Max. ^a | 96 | 102 | 102 | 102 |
| | Min. ^a | 78 | 77 | 78 | 78 |
| | Av. ^b | 86(24) | 86(20) | 86(25) | 85(25) |
| 38 Lb | Max. ^a | 109 | 113 | 110 | 110 |
| | Min. ^a | 90 | 90 | 90 | 92 |
| | Av. ^b | 98(17) | 98(19) | 98(19) | 98(18) |
| 42 Lb | Max. ^a | 115 | 124 | 125 | 125 |
| | Min. ^a | 97 | 98 | 98 | 99 |
| | Av. ^b | 105(40) | 105(38) | 105(38) | 106(42) |
| 69 Lb | Max. ^a | 151 | 157 | 170 | 158 |
| | Min. ^a | 134 | 134 | 135 | 137 |
| | Av. ^b | 140(24) | 142(24) | 142(26) | 143(28) |
| 90 Lb | Max. ^a | 188 | 180 | 185 | 181 |
| | Min. ^a | 157 | 163 | 159 | 161 |
| | Av. ^b | 170(11) | 169(12) | 172(11) | 170(13) |

^aCurrent machine average.

^bCurrent F.K.B.G. average, number of machines is indicated in parentheses.

INTRODUCTION

The continuous base-line study (modified) is a compilation of monthly averages of mill test data obtained routinely on six major grade weights of linerboard manufactured in the member mills of F.K.B.G. Mill data are included for moisture content, basis weight, caliper, and bursting strength tests made on the production of individual machines which produced at least 500 tons of one or more of the following six major grade weights during a given month: 26, 33, 38, 42, 69, and 90 lb. At the Institute, the as-reported basis weight, corresponding to the as-reported moisture content, is adjusted to a moisture content of 7.8%. Both the as-reported and the adjusted basis weight averages are included in the report. Note that the moisture content at the as-reported basis weight (not shown in Tables) does not necessarily agree with the moisture content indicated in the report as measured at the reel. This is because some mills measure their basis weight at other than reel or standard conditions. The as-reported basis weight is included in the tables for reference only and should not be used for comparison purposes.

PRESENTATION OF DATA

For the six major grade weights of linerboard referred to earlier, mill test averages for moisture content, basis weight (reported and adjusted), caliper, and bursting strength are compiled in the following tables.

| Table Number | Description |
|----------------|--|
| I-II-III | Mill Test Averages on 26-lb Linerboard |
| IV-V-VI | Mill Test Averages on 33-lb Linerboard |
| VII-VIII-IX | Mill Test Averages on 38-lb Linerboard |
| X-XI-XII | Mill Test Averages on 42-lb Linerboard |
| XIII-XIV-XV | Mill Test Averages on 69-lb Linerboard |
| XVI-XVII-XVIII | Mill Test Averages on 90-lb Linerboard |

JANUARY, 1982

FK9G DATA

| | | | | |
|------|-------|------|-------|-------|
| CUR. | 25.8 | 26.3 | 7.9 | 71 |
| AV. | 5.1 | | | |
| CUM. | | 26.5 | 7.9 | 71 |
| AV. | 4.8 | | | |
| IND. | 99.6 | 95.2 | 100.0 | 100.0 |
| *D | 106.2 | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE II
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD
FEBRUARY, 1982

| MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, P S I G | | | | |
|------------------------------|--------------|---------|---------|----------------------------|--------------|---------|---------|---------------------------------|--------------|---------|---------|-------------|--------------|---------|---------|-------------------------------|--------------|---------|---------|---------|
| CODE | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | |
| | CUR. AV. | FAC. *B | IND. *C | | CUR. AV. | CUM. *B | FAC. *B | IND. *C | CUR. AV. | CUM. *B | FAC. *B | IND. *C | CUR. AV. | CUM. *B | FAC. *B | IND. *C | CUR. AV. | CUM. *B | FAC. *B | IND. *C |
| H1 | 4-9 | 4-8 | 102-1 | 102-1 | 26-2 | 26-2 | 100-0 | 101-2 | 26-3 | 26-3 | 100-0 | 99-2 | 7-7 | 8-0 | 96-2 | 97-5 | 74 | 80 | 92-5 | 104-2 |
| K1 | 6-2 | 5-8 | 106-9 | 129-2 | 26-0 | 26-1 | 99-6 | 100-4 | 26-4 | 26-7 | 98-9 | 99-6 | 7-2 | 7-8 | 92-3 | 91-1 | 63 | 66 | 95-4 | 88-7 |
| L1 | 3-5 | 3-0 | 116-7 | 72-9 | 27-3 | 26-8 | 101-9 | 105-4 | 28-6 | 28-2 | 101-4 | 107-9 | 8-1 | 7-7 | 105-2 | 102-5 | 72 | 74 | 97-3 | 101-4 |
| A2 | 3-4 | | | | 26-0 | | | | 27-3 | | | | 7-2 | | | | 90 | | | |
| D2 | 5-2 | | | | 25-8 | | | | 26-6 | | | | 8-6 | | | | 80 | | | |
| J2 | 3-1 | 3-8 | 81-6 | 64-6 | 26-3 | 26-0 | 101-2 | 101-5 | 26-4 | 26-1 | 101-1 | 99-6 | 7-8 | 8-0 | 97-5 | 98-7 | 82 | 75 | 109-3 | 115-5 |
| K2 | 5-6 | 5-3 | 105-7 | 116-7 | 25-7 | 25-6 | 100-4 | 99-2 | 26-3 | 26-4 | 99-6 | 99-2 | 7-9 | 7-6 | 103-9 | 100-0 | 75 | 75 | 100-0 | 105-6 |
| M2 | 6-3 | | | | 26-0 | | | | 26-1 | | | | 7-1 | | | | 64 | | | |
| Q2 | 1-7 | | | | 25-1 | | | | 26-8 | | | | 8-1 | | | | 70 | | | |
| V2 | 5-0 | | | | 25-2 | | | | 26-0 | | | | 7-5 | | | | 71 | | | |
| A3 | 5-7 | 5-1 | 111-8 | 118-8 | 26-1 | 26-2 | 99-6 | 100-8 | 26-2 | 26-3 | 99-6 | 98-9 | 8-0 | 7-7 | 103-9 | 101-3 | 73 | 72 | 101-4 | 102-8 |
| B3 | 5-2 | | | | 27-5 | | | | 27-6 | | | | 7-9 | | | | 70 | | | |
| C3 | 4-3 | 4-1 | 104-9 | 89-6 | 24-5 | 25-2 | 97-2 | 94-6 | 25-4 | 26-3 | 96-6 | 95-8 | 8-5 | 8-4 | 101-2 | 107-6 | 73 | 78 | 93-6 | 102-8 |
| I3 | 4-4 | 4-5 | 97-8 | 91-7 | 26-4 | 26-4 | 100-0 | 101-9 | 26-5 | 26-6 | 99-6 | 100-0 | 7-1 | 7-7 | 92-2 | 89-5 | 68 | 66 | 103-0 | 95-8 |
| L3 | 5-8 | 5-9 | 98-3 | 120-8 | 26-1 | 26-0 | 100-4 | 100-8 | 26-2 | 26-1 | 100-4 | 98-9 | 7-7 | 7-3 | 105-5 | 97-5 | 62 | 62 | 100-0 | 87-3 |
| N3 | 6-3 | | | | 26-1 | | | | 26-2 | | | | 7-8 | | | | 79 | | | |
| W3 | 4-5 | | | | 25-3 | | | | 26-2 | | | | 7-7 | | | | 69 | | | |
| C4 | 5-1 | 5-1 | 100-0 | 106-2 | 25-9 | 25-8 | 100-4 | 100-0 | 26-7 | 26-5 | 100-8 | 100-8 | 7-9 | 7-9 | 100-0 | 100-0 | 67 | 69 | 97-1 | 94-4 |
| D4 | 6-2 | | | | 26-2 | | | | 26-4 | | | | 7-8 | | | | 63 | | | |
| E4 | 5-7 | 5-4 | 105-6 | 118-8 | 26-0 | 26-0 | 100-0 | 100-4 | 26-1 | 26-2 | 99-6 | 98-5 | 7-5 | 7-6 | 98-7 | 94-9 | 72 | 71 | 101-4 | 101-4 |
| F4 | 5-7 | 5-2 | 109-6 | 118-8 | 26-0 | 25-7 | 101-2 | 100-4 | 26-6 | 26-4 | 100-8 | 100-4 | 7-7 | 7-7 | 100-0 | 97-5 | 68 | 72 | 94-4 | 95-8 |
| H4 | 4-4 | | | | 26-3 | | | | 27-2 | | | | 7-6 | | | | 68 | | | |
| N4 | 4-2 | 4-4 | 95-4 | 87-5 | 25-6 | 25-6 | 100-0 | 98-8 | 26-6 | 26-6 | 100-0 | 100-4 | 8-0 | 7-8 | 102-6 | 101-3 | 72 | 71 | 101-4 | 101-4 |
| O4 | 4-1 | | | | 25-9 | | | | 26-9 | | | | 8-2 | | | | 75 | | | |
| R4 | 5-4 | 5-4 | 100-0 | 112-5 | 25-8 | 25-6 | 100-8 | 99-6 | 26-5 | 26-2 | 101-1 | 100-0 | 8-6 | 8-4 | 102-4 | 108-9 | 74 | 74 | 100-0 | 104-2 |
| S4 | 5-0 | 5-4 | 92-6 | 104-2 | 26-0 | 25-9 | 100-4 | 100-4 | 26-8 | 26-6 | 100-8 | 101-1 | 8-9 | 8-7 | 102-3 | 112-6 | 68 | 66 | 103-0 | 95-8 |
| U4 | 4-8 | 4-9 | 98-0 | 100-0 | 26-1 | 26-1 | 100-0 | 100-8 | 26-2 | 26-2 | 100-0 | 98-9 | 7-8 | 8-1 | 96-3 | 98-7 | 66 | 72 | 91-7 | 93-0 |
| FRBG DATA | | | | | | | | | | | | | | | | | | | | |
| CUR. | | | | | | | | | | | | | | | | | | | | |
| AV. | 5-0 | | | | 26-0 | | | | 26-5 | | | | 7-9 | | | | 70 | | | |
| CUM. | | | | | | | | | | | | | | | | | | | | |
| AV. | 4-8 | | | | 25-9 | | | | 26-5 | | | | 7-9 | | | | 71 | | | |
| IND. | | | | | | | | | | | | | | | | | | | | |
| *D 104-2 | | | | | 100-4 | | | | 100-0 | | | | 100-0 | | | | 98-6 | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE III
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | BASIS WT., LB / M SQ FT | | | ADJ. BASIS WT., LB / M SQ FT | | | CALIPER, PT | | | BURSTING STRENGTH, F S I G | | |
|------|------------------------------|----------|---------|----------------------------|----------|---------|---------------------------------|----------|---------|--------------|----------|---------|-------------------------------|----------|---------|
| | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | |
| | CUR. AV. | CUM. AV. | IND. °C | CUR. AV. | CUM. AV. | IND. °C | CUR. AV. | CUM. AV. | IND. °C | CUR. AV. | CUM. AV. | IND. °C | CUR. AV. | CUM. AV. | IND. °C |
| C1 | 6.1 | 127.1 | 26.7 | 103.1 | 26.8 | 101.1 | 7.6 | 8.0 | 98.8 | 96.2 | 82 | 115.5 | 79 | 94.9 | 105.6 |
| H1 | 4.7 | 97.9 | 26.3 | 100.4 | 101.5 | 99.6 | 7.9 | 7.7 | 100.0 | 97.5 | 64 | 98.5 | 75 | 98.5 | 90.1 |
| K1 | 6.0 | 5.9 | 101.7 | 125.0 | 26.3 | 100.8 | 101.5 | 26.8 | 26.6 | 100.8 | 101.1 | 7.7 | 7.7 | 100.0 | 97.5 |
| L1 | 3.3 | 3.2 | 103.1 | 68.8 | 27.2 | 26.8 | 101.5 | 105.0 | 28.5 | 28.2 | 101.1 | 107.5 | 7.8 | 7.7 | 101.3 |
| A2 | 3.4 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 7.2 | 7.2 | 108.1 |
| D2 | 5.2 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 8.6 | 8.6 | 90 |
| J2 | 3.4 | 89.5 | 70.8 | 100.8 | 101.2 | 99.2 | 8.3 | 8.0 | 103.8 | 105.1 | 74 | 76 | 75 | 97.4 | 104.2 |
| R2 | 5.7 | 5.4 | 105.6 | 118.8 | 25.6 | 25.7 | 99.6 | 98.8 | 26.2 | 26.3 | 99.6 | 98.9 | 7.6 | 7.6 | 102.7 |
| M2 | 6.3 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 7.1 | 7.1 | 108.4 |
| O2 | 1.7 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 8.1 | 8.1 | 70 |
| V2 | 5.0 | 100.0 | 104.2 | 25.6 | 25.2 | 101.6 | 98.8 | 26.4 | 26.0 | 101.5 | 99.6 | 7.8 | 7.5 | 104.0 | 98.7 |
| A3 | 5.8 | 5.2 | 111.5 | 120.8 | 26.1 | 26.2 | 99.6 | 100.8 | 26.2 | 26.3 | 99.6 | 98.9 | 7.9 | 7.7 | 102.6 |
| B3 | 5.2 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 7.9 | 7.9 | 95.8 |
| C3 | 4.5 | 4.2 | 107.1 | 93.8 | 25.3 | 25.1 | 100.8 | 97.7 | 26.2 | 26.1 | 100.4 | 98.9 | 8.9 | 8.4 | 106.0 |
| I3 | 4.6 | 4.5 | 102.2 | 95.8 | 26.1 | 26.4 | 98.9 | 100.8 | 26.2 | 26.5 | 98.9 | 98.9 | 7.7 | 7.6 | 101.3 |
| L3 | 5.7 | 5.9 | 96.6 | 118.8 | 26.1 | 26.0 | 100.4 | 100.8 | 26.2 | 26.1 | 100.4 | 98.9 | 7.6 | 7.4 | 102.7 |
| M3 | 6.3 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 7.8 | 7.8 | 90.1 |
| N3 | 4.5 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 | 7.7 | 7.7 | 79 |
| Q3 | 5.1 | 100.0 | 108.2 | 25.9 | 25.8 | 100.4 | 100.0 | 26.7 | 26.5 | 100.8 | 100.8 | 8.3 | 7.9 | 105.1 | 105.1 |
| D4 | 6.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 26.2 | 7.8 | 7.8 | 63 |
| E4 | 5.6 | 5.5 | 101.8 | 118.7 | 26.0 | 26.0 | 100.0 | 100.4 | 26.1 | 26.1 | 100.8 | 98.5 | 7.6 | 7.6 | 100.0 |
| F4 | 5.2 | 5.3 | 98.1 | 108.3 | 25.7 | 25.8 | 99.6 | 99.2 | 26.4 | 26.5 | 99.6 | 99.6 | 7.3 | 7.7 | 94.8 |
| H4 | 4.4 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 7.6 | 7.6 | 92.4 |
| M4 | 4.5 | 4.3 | 104.6 | 93.8 | 25.5 | 25.6 | 99.6 | 98.4 | 26.4 | 26.6 | 99.2 | 99.6 | 7.6 | 7.6 | 97.4 |
| O4 | 4.1 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 8.2 | 8.2 | 69 |
| R4 | 5.8 | 5.3 | 109.4 | 120.8 | 25.6 | 25.6 | 100.0 | 98.8 | 26.2 | 26.2 | 100.0 | 98.9 | 8.9 | 8.4 | 105.8 |
| S4 | 5.3 | 5.4 | 98.1 | 110.4 | 25.8 | 26.0 | 99.2 | 99.6 | 26.5 | 26.6 | 99.6 | 100.0 | 8.5 | 8.7 | 97.7 |
| U4 | 4.9 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 8.1 | 8.1 | 107.6 |

FKBG DATA

| | | | | | |
|----------|-------|-------|-------|-------|-------|
| CUR. AV. | 5.1 | 26.0 | 26.5 | 7.9 | 72 |
| CUM. AV. | 4.8 | 25.9 | 26.5 | 7.9 | 71 |
| IND. °D | 106.2 | 100.4 | 100.0 | 100.0 | 101.4 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE IV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD
JANUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | BASIS WT., LB / M SQ FT | | ADJ. BASIS WT., LB / M SQ FT | | CALIPER, PT | | BURSTING STRENGTH, P S I G | | |
|------|------------------------------|-----------------|----------------------------|-----------------------|---------------------------------|-----------------|--------------|---------------|-------------------------------|---------------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | |
| | CUR. AV. | FACI. IND. #C | CUR. AV. | FACI. IND. #C | CUR. AV. | FACI. IND. #C | CUR. AV. | FACI. IND. #C | CUR. AV. | FACI. IND. #C | |
| G1 | 2-4 | 2-4 100.0 50.0 | 32-1 32-1 100.0 98.5 | 34.0 34.0 100.0 101.8 | 10-2 | 8-8 | 84 | 84 | 100.0 | 57.7 | |
| H1 | 5-0 | 5-0 100.0 104.2 | 33-2 33-1 100.3 101.8 | 33.3 33.2 100.3 99.7 | 9-6 9-8 | 98.0 | 98.0 | 91 | 53 | 97.8 | 105.8 |
| K1 | 6-2 | 5-7 108.8 129.2 | 32-9 33.0 99.7 100.9 | 33.5 33.7 99.4 100.3 | 9-2 10-0 | 92.0 | 93.9 | 80 | 80 | 100.0 | 93.0 |
| L1 | 4-0 | 3-6 111.1 83.3 | 32-2 32.7 98.5 98.8 | 33.5 34.2 98.0 100.3 | 9-6 9-2 | 104.3 | 98.0 | 51 | 86 | 105.2 | 105.8 |
| V1 | 6-0 | | 33-1 | 33-2 | | | | | | | |
| A2 | 4-2 | 32-4 | 33-8 | 33-8 | | 8-8 | | | 101 | | |
| D2 | 5-4 | 32-4 | 33-2 | 33-2 | | 10-2 | | | 95 | | |
| J2 | 5-9 | 32-8 | 32-9 | 32-9 | | 10-2 | | | 88 | | |
| K2 | 5-6 | 5-6 105.4 122.9 | 32-5 32-7 99.4 99.7 | 33-2 33.5 99.1 99.4 | 9-8 11-4 | 9-8 116.3 116.3 | 86 | 90 | 95.6 | 100.0 | |
| M2 | 6-5 | 33-0 | 33-0 | 33-1 | | 9-5 | | | 88 | | |
| N2 | 5-0 | 32-6 | 33-6 | 33-6 | | 9-4 | | | 84 | | |
| Q2 | 2-2 | 31-9 | 33-8 | 33-8 | | 9-8 | | | 85 | | |
| U2 | 3-7 | 3-3 112.1 77.1 | 32-8 32-5 100.9 100.6 | 33-1 32.6 100.9 99.1 | 9-8 9-8 | 100.0 100.0 | 85 | 81 | 104.9 | 92.8 | |
| V2 | 5-3 | 5-4 98.1 110.4 | 32-0 32.0 100.0 98.2 | 32-9 32.8 100.3 98.5 | 10-1 9-6 | 105.2 103.1 | 86 | 87 | 92.8 | 100.0 | |
| A3 | 6-0 | 5-4 111.1 125.0 | 33-0 33.1 99.7 101.2 | 33-2 33.3 99.7 99.4 | 9-8 9-8 | 100.0 100.0 | 90 | 84 | 107.1 | 104.6 | |
| B3 | 5-1 | 33-4 | 33-5 | 33-5 | | 9-3 | | | 90 | | |
| C3 | 5-1 | 98.1 106.2 | 31-8 32-4 98.1 97.5 | 32-7 33.3 98.2 97.9 | 10-6 10-9 | 97.2 108.2 | 89 | 93 | 95.7 | 103.5 | |
| I3 | 4-7 | 4-9 95.9 97.9 | 33-4 33-2 100.6 102.4 | 33-5 33.3 100.6 100.3 | 10-0 9-7 | 103.1 102.0 | 81 | 80 | 101.2 | 94.2 | |
| L3 | 6-4 | 33-0 | 33-0 | 33-1 | | 10-5 | | | 84 | | |
| M3 | 6-1 | 33-2 | 33-2 | 33-3 | | 10-1 | | | 86 | | |
| N3 | 5-3 | 5-3 101.9 112.5 | 32-3 32-4 99.7 99.1 | 33-1 33.3 99.4 99.1 | 10-2 9-7 | 105.2 104.1 | 77 | 82 | 93.9 | 89.5 | |
| H3 | 5-9 | 6-1 96.7 122.9 | 32-5 32-5 100.0 99.7 | 33-2 33.1 100.3 99.4 | 8-7 9-8 | 88.8 88.8 | 102 | 83 | 122.9 | 118.6 | |
| B4 | 5-2 | 5-3 98.1 108.3 | 32-6 32-6 100.0 100.0 | 33-5 33.5 100.0 100.3 | 9-7 10-0 | 97.0 99.0 | 78 | 78 | 100.0 | 50.7 | |
| C4 | 6-2 | 6-3 98.4 129.2 | 33-1 33.0 100.3 101.5 | 33-2 33.2 100.0 99.4 | 9-5 9-2 | 103.3 96.9 | 84 | 86 | 97.7 | 97.7 | |
| D4 | 6-2 | 6-0 103.3 129.2 | 33-0 33.0 100.0 101.2 | 33-1 33.1 100.0 99.1 | 9-2 9-8 | 93.9 93.9 | 83 | 83 | 101.2 | 57.7 | |
| F4 | 5-2 | 32-4 | 33-3 | 33-3 | | 9-6 | | | 89 | | |
| G4 | 2-5 | 2-7 92.6 52.1 | 32-5 32-3 100.6 99.7 | 34.4 34.1 100.9 103.0 | 9-8 | 88 | 85 | 103.5 | 102.3 | | |
| H4 | 5-1 | 5-0 102.0 106.2 | 32-8 32-6 100.6 100.6 | 33-8 33.6 100.6 101.2 | 9-3 9-2 | 101.1 94.9 | 83 | 81 | 102.5 | 96.5 | |
| J4 | 5-6 | 33-4 | 33-4 | 33-7 | | 10-4 | | | 88 | | |
| M4 | 4-5 | 4-9 91.8 93.8 | 32-5 32-4 100.3 99.7 | 33-7 33.4 100.9 100.9 | 9-7 9-8 | 99.0 99.0 | 89 | 86 | 103.5 | 103.5 | |
| N4 | 4-6 | 32-4 | 33-6 | 33-6 | | 9-2 | | | 92 | | |
| Q4 | 2-3 | 32-2 | 34-2 | 34-2 | | 10-4 | | | 84 | | |
| R4 | 5-1 | 5-3 96.2 106.2 | 32-2 32-5 99.1 98.8 | 33-1 33.4 99.1 99.1 | 9-8 9-7 | 101.0 100.0 | 91 | 94 | 96.8 | 105.8 | |
| S4 | 5-3 | 5-4 92.1 110.4 | 32-4 32-2 100.6 99.4 | 33-3 33.0 100.9 99.7 | 10-4 10-5 | 99.0 106.1 | 79 | 78 | 101.3 | 91.9 | |
| U4 | 5-5 | 33-0 | 33-2 | 33-2 | | 9-7 | | | 87 | | |

FRBG DATA

| | | | | |
|------|-------|-------|-------|-------|
| CUR. | 32.6 | 33.4 | 9.8 | 86 |
| AV. | 32.6 | 33.4 | 9.8 | 86 |
| CUM. | 100.0 | 100.0 | 100.0 | 100.0 |
| IND. | 100.0 | 100.0 | 100.0 | 100.0 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE V
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD
FEBRUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, P S I G | | | |
|-----------|------------------------------|---------------|--------------|---------------|----------------------------|---------------|--------------|---------------|---------------------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|-------------------------------|---------------|-------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | | |
| G1 | 2-4 | 100-0 | 49-0 | 32-3 | 32-1 | 100-6 | 99-1 | 34-2 | 34-0 | 100-6 | 102-4 | 10-2 | 9-8 | 102-0 | 102-0 | 83 | 84 | 92-8 | 96-5 | |
| H1 | 5-2 | 104-0 | 106-1 | 33-2 | 33-1 | 100-3 | 101-8 | 33-3 | 33-2 | 100-3 | 99-7 | 10-0 | 9-8 | 102-0 | 102-0 | 89 | 93 | 95-7 | 103-5 | |
| K1 | 6-0 | 5-8 | 103-4 | 122-4 | 32-8 | 33-0 | 99-4 | 100-6 | 33-5 | 33-7 | 99-4 | 100-3 | 9-2 | 9-8 | 93-9 | 93-9 | 79 | 80 | 92-8 | 91-9 |
| L1 | 3-2 | 3-6 | 88-5 | 65-3 | 32-0 | 32-6 | 98-2 | 98-2 | 33-6 | 34-0 | 98-8 | 100-6 | 9-5 | 9-3 | 102-2 | 56-9 | 83 | 86 | 96-5 | 56-5 |
| V1 | 6-0 | | | 33-1 | | | | 33-2 | | | | | | | | | 84 | | | |
| A2 | 4-2 | | | 32-4 | | | | 33-8 | | | | 8-8 | | | | | 101 | | | |
| D2 | 5-4 | | | 32-4 | | | | 33-2 | | | | 10-2 | | | | | 95 | | | |
| J2 | 5-9 | | | 32-8 | | | | 32-9 | | | | 18-2 | | | | | 88 | | | |
| K2 | 6-2 | 5-6 | 110-7 | 126-5 | 32-6 | 32-7 | 99-7 | 100-0 | 33-2 | 33-5 | 99-1 | 99-4 | 9-9 | 9-8 | 101-0 | 101-0 | 82 | 90 | 97-8 | 102-3 |
| M2 | 6-3 | 6-5 | 96-9 | 128-6 | 33-0 | 33-0 | 100-0 | 101-2 | 33-1 | 33-1 | 100-0 | 99-1 | 9-0 | 9-5 | 94-7 | 91-8 | 86 | 88 | 97-7 | 100-0 |
| N2 | 5-0 | | | 32-6 | | | | 33-6 | | | | 9-4 | | | | | 84 | | | |
| Q2 | 2-2 | | | 31-8 | | | | 33-7 | | | | 9-8 | | | | | 85 | | | |
| U2 | 3-7 | 3-4 | 108-8 | 75-5 | 32-8 | 32-6 | 100-6 | 100-6 | 33-1 | 32-9 | 100-6 | 99-1 | 10-2 | 9-9 | 103-0 | 104-1 | 82 | 82 | 100-0 | 95-3 |
| V2 | 5-2 | 5-4 | 96-3 | 106-1 | 32-2 | 32-0 | 100-6 | 98-8 | 33-1 | 32-8 | 100-9 | 99-1 | 9-7 | 9-6 | 101-0 | 95-0 | 86 | 87 | 98-2 | 100-0 |
| A3 | 5-8 | 5-4 | 107-4 | 118-4 | 33-2 | 33-1 | 100-3 | 101-8 | 33-4 | 33-3 | 100-3 | 100-0 | 10-1 | 9-8 | 103-1 | 103-1 | 88 | 84 | 104-8 | 102-3 |
| B3 | 5-6 | 5-1 | 109-8 | 114-3 | 33-3 | 33-4 | 99-7 | 102-1 | 33-4 | 33-5 | 99-7 | 100-0 | 9-6 | 9-3 | 103-2 | 98-0 | 87 | 90 | 96-7 | 101-2 |
| C3 | 4-9 | 5-1 | 96-1 | 100-0 | 31-9 | 32-4 | 98-4 | 97-8 | 32-9 | 33-3 | 98-8 | 98-5 | 10-6 | 10-8 | 98-1 | 102-2 | 87 | 92 | 94-6 | 101-2 |
| I3 | 5-0 | 4-9 | 102-0 | 102-0 | 33-1 | 33-2 | 99-7 | 101-5 | 33-2 | 33-3 | 99-7 | 99-4 | 9-5 | 9-7 | 97-9 | 96-9 | 82 | 80 | 102-5 | 95-3 |
| L3 | 6-4 | | | 33-0 | | | | 33-1 | | | | 10-5 | | | | | 84 | | | |
| M3 | 5-4 | 5-3 | 101-9 | 110-2 | 32-3 | 32-4 | 99-7 | 99-1 | 33-1 | 33-2 | 99-7 | 99-1 | 9-9 | 9-8 | 101-0 | 101-0 | 82 | 82 | 100-0 | 95-3 |
| B4 | 5-2 | 6-1 | 85-2 | 106-1 | 32-5 | 32-5 | 100-0 | 99-7 | 33-4 | 33-1 | 100-9 | 100-0 | 8-7 | 9-7 | 89-7 | 88-8 | 102 | 84 | 121-4 | 118-6 |
| C4 | 5-2 | 5-3 | 98-1 | 106-1 | 32-6 | 32-6 | 100-0 | 100-0 | 33-5 | 33-5 | 100-0 | 100-3 | 10-2 | 10-0 | 102-0 | 104-1 | 78 | 78 | 100-0 | 90-7 |
| D4 | 6-2 | 6-3 | 98-4 | 126-5 | 33-0 | 33-0 | 100-0 | 101-2 | 33-1 | 33-2 | 99-7 | 99-1 | 9-1 | 9-2 | 98-9 | 92-8 | 86 | 86 | 100-0 | 100-0 |
| E4 | 6-3 | 6-1 | 103-3 | 128-6 | 33-0 | 33-0 | 100-0 | 101-2 | 33-1 | 33-1 | 100-0 | 99-1 | 9-2 | 9-6 | 95-8 | 93-9 | 86 | 83 | 103-6 | 100-0 |
| F4 | 5-4 | 5-2 | 103-8 | 110-2 | 32-6 | 32-4 | 100-6 | 100-0 | 33-4 | 33-3 | 100-3 | 100-0 | 9-7 | 9-6 | 101-0 | 95-0 | 87 | 89 | 97-8 | 101-2 |
| G4 | 3-3 | 2-6 | 126-9 | 67-3 | 32-6 | 32-3 | 100-9 | 100-0 | 34-2 | 34-1 | 100-3 | 102-4 | 9-7 | 9-2 | 100-0 | 53-9 | 88 | 86 | 102-3 | 102-3 |
| H4 | 5-2 | 5-1 | 102-0 | 106-1 | 32-5 | 32-6 | 99-7 | 99-7 | 33-4 | 33-6 | 99-4 | 100-0 | 9-2 | 9-2 | 100-0 | 53-9 | 83 | 81 | 102-5 | 96-5 |
| N4 | 4-7 | 4-8 | 97-9 | 95-9 | 32-4 | 32-4 | 100-0 | 99-4 | 33-5 | 33-5 | 100-0 | 100-3 | 9-5 | 9-8 | 96-9 | 96-9 | 87 | 87 | 100-0 | 101-2 |
| O4 | 4-4 | 4-6 | 95-6 | 89-8 | 32-2 | 32-4 | 99-4 | 98-8 | 33-4 | 33-5 | 99-7 | 100-0 | 9-3 | 9-2 | 101-1 | 94-9 | 100 | 53 | 107-5 | 116-3 |
| Q4 | 2-3 | | | 32-2 | | | | 34-2 | | | | 10-6 | | | | | 84 | | | |
| R4 | 5-8 | 5-3 | 109-4 | 118-4 | 32-5 | 32-4 | 100-3 | 99-7 | 33-2 | 33-3 | 99-7 | 99-4 | 9-7 | 9-7 | 100-0 | 99-0 | 97 | 94 | 103-2 | 112-8 |
| S4 | 5-3 | 5-4 | 98-1 | 108-2 | 32-3 | 32-2 | 100-3 | 99-1 | 33-2 | 33-1 | 100-3 | 99-4 | 10-1 | 10-5 | 96-2 | 103-1 | 79 | 78 | 101-3 | 51-9 |
| U4 | 5-3 | 5-5 | 96-4 | 108-2 | 33-0 | 33-0 | 100-0 | 101-2 | 33-1 | 33-2 | 99-7 | 99-1 | 9-6 | 9-8 | 98-0 | 98-0 | 87 | 86 | 101-2 | 101-2 |
| FRBG DATA | | | | | | | | | | | | | | | | | | | | |
| CUR. | | | | | | | | | | | | | | | | | | | | |
| AV. | 5-1 | | | 32-6 | | | | 33-3 | | | | 9-6 | | | | | 86 | | | |
| CUR. | | | | | | | | | | | | | | | | | | | | |
| AV. | 4-9 | | | 32-6 | | | | 33-4 | | | | 9-8 | | | | | 86 | | | |
| IND. | | | | | | | | | | | | | | | | | | | | |
| IND. | 104-1 | | | 100-0 | | | | 95-7 | | | | 98-0 | | | | | 100-0 | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VI
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / W SQ FT | | | | ADJ. BASIS WT., LB / W SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, P S I G | | | |
|------|------------------------------|--------------|--------------|--------------|----------------------------|--------------|--------------|--------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------------|--------------|-------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | CUR. AV. | FAC. IND. °C | | |
| G1 | 2-2 | 2-4 | 91-7 | 44-9 | 32-2 | 32-1 | 100-3 | 98-8 | 34-2 | 34-0 | 100-6 | 102-4 | 9-5 | 10-2 | 93-1 | 96-9 | 81 | 84 | 96-4 | 94-2 |
| H1 | 5-0 | 5-0 | 100-0 | 102-0 | 33-2 | 33-1 | 100-3 | 101-8 | 33-3 | 33-2 | 100-3 | 99-7 | 10-0 | 9-8 | 102-0 | 102-0 | 88 | 93 | 94-6 | 102-3 |
| K1 | 6-0 | 5-8 | 103-4 | 122-4 | 32-8 | 33-0 | 99-4 | 100-6 | 33-5 | 33-7 | 99-4 | 100-3 | 9-5 | 9-8 | 96-9 | 96-9 | 78 | 80 | 97-5 | 90-7 |
| L1 | 3-2 | 3-6 | 88-9 | 65-3 | 31-9 | 32-4 | 98-4 | 97-8 | 33-5 | 34-0 | 98-5 | 100-3 | 9-1 | 9-4 | 96-8 | 92-8 | 84 | 86 | 97-7 | 97-7 |
| V1 | 6-0 | | | | 33-1 | | | | 33-2 | | | | | | | | 84 | | | |
| A2 | 4-2 | | | | 32-4 | | | | 33-8 | | | | 8-8 | | | | 101 | | | |
| D2 | 5-4 | | | | 32-4 | | | | 33-2 | | | | 10-2 | | | | 94 | | | |
| J2 | 5-9 | | | | 32-8 | | | | 32-9 | | | | 10-2 | | | | 88 | | | |
| K2 | 6-1 | 5-7 | 107-0 | 124-5 | 32-6 | 32-7 | 99-7 | 100-0 | 33-2 | 33-4 | 99-4 | 99-4 | 10-0 | 9-8 | 102-0 | 102-0 | 92 | 90 | 102-2 | 107-0 |
| M2 | 6-5 | | | | 33-0 | | | | 33-1 | | | | 9-4 | | | | 88 | | | |
| N2 | 5-0 | | | | 32-6 | | | | 33-6 | | | | 9-4 | | | | 84 | | | |
| Q2 | 2-2 | 3-4 | 114-7 | 79-6 | 32-9 | 32-6 | 100-9 | 100-9 | 33-2 | 33-0 | 100-6 | 99-4 | 10-1 | 10-0 | 101-0 | 103-1 | 81 | 82 | 98-8 | 94-2 |
| U2 | 5-4 | 5-3 | 101-9 | 110-2 | 32-0 | 32-0 | 100-0 | 98-2 | 32-8 | 32-8 | 100-0 | 98-2 | 10-1 | 9-6 | 105-2 | 103-1 | 85 | 87 | 97-7 | 98-8 |
| V2 | 5-9 | 5-5 | 107-3 | 120-4 | 33-1 | 33-1 | 100-0 | 101-5 | 33-3 | 33-3 | 100-0 | 99-7 | 9-9 | 9-9 | 100-0 | 101-0 | 81 | 84 | 96-4 | 94-2 |
| B3 | 5-6 | 5-2 | 107-7 | 114-3 | 33-5 | 33-4 | 100-3 | 102-8 | 33-6 | 33-5 | 100-3 | 100-6 | 9-7 | 9-3 | 104-3 | 99-0 | 85 | 89 | 95-5 | 98-8 |
| C3 | 5-2 | 5-2 | 100-0 | 106-1 | 31-9 | 32-3 | 98-8 | 97-8 | 32-8 | 33-2 | 98-8 | 98-2 | 10-8 | 10-8 | 100-0 | 110-2 | 87 | 91 | 95-6 | 101-2 |
| I3 | 4-9 | 4-9 | 100-0 | 100-0 | 33-0 | 33-2 | 99-4 | 101-2 | 33-1 | 33-3 | 99-4 | 99-1 | 10-1 | 9-7 | 104-1 | 103-1 | 80 | 80 | 100-0 | 93-0 |
| L3 | 6-4 | | | | 33-0 | | | | 33-1 | | | | 10-5 | | | | 84 | | | |
| H3 | 5-5 | 5-3 | 103-8 | 112-2 | 32-5 | 32-4 | 100-3 | 99-7 | 33-3 | 33-2 | 100-3 | 99-7 | 10-0 | 9-8 | 102-0 | 102-0 | 82 | 82 | 100-0 | 95-3 |
| W3 | 5-4 | 6-0 | 90-0 | 110-2 | 32-5 | 32-5 | 100-0 | 99-7 | 33-3 | 33-1 | 100-6 | 99-7 | 8-2 | 9-6 | 85-4 | 83-7 | 102 | 86 | 118-6 | 118-6 |
| B4 | 5-1 | 5-2 | 98-1 | 104-1 | 32-7 | 32-6 | 100-3 | 100-3 | 33-6 | 33-5 | 100-3 | 100-6 | 9-6 | 10-0 | 96-0 | 98-0 | 78 | 78 | 100-0 | 50-7 |
| C4 | 5-8 | 6-3 | 92-1 | 118-4 | 33-0 | 33-0 | 100-0 | 101-2 | 33-1 | 33-2 | 99-7 | 99-1 | 9-1 | 9-2 | 98-9 | 92-8 | 86 | 86 | 100-0 | 100-0 |
| D4 | 5-9 | 6-2 | 95-2 | 120-4 | 33-1 | 33-0 | 100-3 | 101-5 | 33-2 | 33-1 | 100-3 | 99-4 | 9-3 | 9-5 | 97-9 | 94-9 | 84 | 84 | 100-0 | 97-7 |
| E4 | 5-5 | 5-2 | 105-8 | 112-2 | 32-3 | 32-4 | 99-7 | 99-1 | 33-1 | 33-3 | 99-4 | 99-1 | 9-6 | 9-6 | 100-0 | 98-0 | 87 | 88 | 98-9 | 101-2 |
| F4 | 3-1 | 2-7 | 114-8 | 63-3 | 32-8 | 32-3 | 101-5 | 100-6 | 34-5 | 34-1 | 101-2 | 103-3 | | | | | 86 | 86 | 100-0 | 100-0 |
| G4 | 5-0 | 5-1 | 98-0 | 102-0 | 32-4 | 32-6 | 99-4 | 99-4 | 33-4 | 33-6 | 99-4 | 100-0 | 9-1 | 9-2 | 98-9 | 92-8 | 81 | 81 | 100-0 | 94-2 |
| H4 | 4-5 | 4-8 | 93-8 | 91-8 | 32-5 | 32-4 | 100-3 | 99-7 | 33-7 | 33-5 | 100-6 | 100-9 | 9-4 | 9-8 | 95-9 | 95-9 | 86 | 87 | 98-2 | 100-0 |
| M4 | 4-5 | 4-5 | 100-0 | 91-8 | 32-1 | 32-4 | 99-1 | 98-5 | 33-3 | 33-5 | 99-4 | 99-7 | 9-2 | 9-2 | 100-0 | 93-9 | 95 | 94 | 101-1 | 110-5 |
| O4 | 2-3 | 2-4 | 95-8 | 46-9 | 32-4 | 32-2 | 100-6 | 99-4 | 34-3 | 34-2 | 100-3 | 102-7 | 9-7 | 10-6 | 91-5 | 93-0 | 81 | 84 | 96-4 | 94-2 |
| Q4 | 5-1 | 5-3 | 96-2 | 104-1 | 32-8 | 32-4 | 101-2 | 100-6 | 33-8 | 33-2 | 101-8 | 101-2 | 10-5 | 9-7 | 108-2 | 107-1 | 83 | 92 | 90-2 | 96-5 |
| R4 | 5-3 | 5-4 | 98-1 | 108-2 | 32-3 | 32-3 | 100-0 | 99-1 | 33-2 | 33-1 | 100-3 | 99-4 | 10-3 | 10-4 | 99-0 | 105-1 | 79 | 78 | 101-3 | 91-9 |
| S4 | 5-3 | 5-5 | 96-4 | 108-2 | 33-1 | 33-0 | 100-3 | 101-5 | 33-2 | 33-1 | 100-3 | 99-4 | 9-5 | 9-8 | 96-9 | 96-9 | 83 | 87 | 95-4 | 96-5 |
| U4 | | | | | | | | | | | | | | | | | | | | |

FMKG DATA

| | | | | | |
|----------|-------|-------|-------|------|------|
| CUR. AV. | 4-9 | 32-6 | 33-4 | 9-7 | 85 |
| CUM. AV. | 4-9 | 32-6 | 33-4 | 9-8 | 86 |
| IND. °C | 100-0 | 100-0 | 100-0 | 99-0 | 98-8 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
JANUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | BASIS WT., LB / M SQ FT | | | ADJ. BASIS WT., LB / M SQ FT | | | CALIPER, PT | | | BURSTING STRENGTH, P S I G | | | | | | | |
|------|---------------------------|----------|--------|-------------------------|----------|--------|------------------------------|----------|--------|--------------|----------|--------|----------------------------|----------|--------|-------|-----|-------|-------|-------|
| | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | | | | | |
| | CUR. AV. | CUM. AV. | IND. C | CUR. AV. | CUM. AV. | IND. C | CUR. AV. | CUM. AV. | IND. C | CUR. AV. | CUM. AV. | IND. C | CUR. AV. | CUM. AV. | IND. C | | | | | |
| C1 | 5.6 | 5.3 | 105.7 | 103.7 | 39.3 | 38.6 | 101.8 | 103.7 | 39.4 | 38.8 | 101.5 | 102.6 | 10.8 | 10.9 | 99.1 | 96 | 96 | 100.0 | 92.0 | |
| G1 | 4.6 | | | 85.2 | 37.3 | | 98.4 | | 38.6 | | | 100.5 | | | | 96 | | | 92.0 | |
| H1 | 5.3 | 5.2 | 101.9 | 98.1 | 38.2 | 38.2 | 100.0 | 100.8 | 38.3 | 38.3 | 100.0 | 99.7 | 10.6 | 11.2 | 94.6 | 97 | 102 | 95.1 | 95.0 | |
| L1 | 4.3 | 4.8 | 89.6 | 79.6 | 37.3 | 37.7 | 98.9 | 98.4 | 38.7 | 38.9 | 99.5 | 100.8 | 10.5 | 9.9 | 106.1 | 96.3 | 94 | 100.0 | 95.9 | |
| T1 | 4.5 | 4.9 | 91.8 | 83.3 | 38.2 | 38.4 | 99.5 | 100.8 | 39.6 | 39.6 | 100.0 | 103.1 | 10.1 | | | 92.7 | 95 | 101.1 | 96.9 | |
| V1 | 5.9 | 5.9 | 100.0 | 109.2 | 38.1 | 38.1 | 100.0 | 100.5 | 38.2 | 38.2 | 100.0 | 99.5 | | | | 90 | 92 | 97.8 | 91.8 | |
| Y1 | 4.8 | | | 88.9 | 37.7 | | 99.5 | | 38.9 | | | 101.3 | 11.5 | | | 105.5 | 113 | | 115.3 | |
| A2 | | | | | | | | | | | | | | | | | | | | |
| C2 | 5.4 | 5.0 | 108.0 | 100.0 | 37.6 | 37.3 | 100.8 | 99.2 | 38.6 | 38.5 | 100.2 | 100.5 | 10.5 | 10.5 | 100.0 | 96.3 | 104 | 97 | 107.2 | 106.1 |
| D2 | 5.2 | | | | 37.1 | | | | 38.1 | | | | 11.8 | | | | 105 | | | |
| J2 | 7.6 | 5.4 | 140.7 | 140.7 | 38.0 | 38.0 | 100.0 | 100.3 | 38.1 | 38.1 | 100.0 | 99.2 | 11.5 | 11.2 | 102.7 | 105.5 | 106 | 100 | 106.0 | 102.2 |
| M2 | | 5.7 | | | 37.6 | | | | 38.5 | | | | 10.2 | | | | 100 | | | |
| R2 | | 5.7 | | | 38.3 | | | | 38.4 | | | | 12.3 | | | | 100 | | | |
| V2 | | 5.9 | | | 37.0 | | | | 37.8 | | | | 11.8 | | | | 98 | | | |
| A3 | 6.3 | 5.8 | 108.6 | 116.7 | 38.1 | 38.0 | 100.3 | 100.5 | 38.3 | 38.2 | 100.3 | 99.7 | 11.3 | 10.3 | 104.6 | 103.7 | 97 | 95 | 102.1 | 99.0 |
| B3 | 5.1 | 5.5 | 92.7 | 94.4 | 38.4 | 38.4 | 100.0 | 101.3 | 38.5 | 38.5 | 100.0 | 100.3 | 10.2 | 10.3 | 99.0 | 93.6 | 93 | 98 | 94.9 | 94.9 |
| C3 | 6.3 | 6.0 | 105.0 | 116.7 | 37.1 | 37.6 | 98.7 | 97.9 | 37.7 | 38.2 | 98.7 | 98.2 | 11.1 | 11.0 | 100.9 | 101.8 | 102 | 104 | 98.1 | 104.1 |
| E3 | | 5.3 | | | 37.4 | | | | 38.4 | | | | 10.5 | | | | 99 | | | |
| F3 | | 5.3 | | | 39.1 | | | | 39.2 | | | | | | | | 95 | | | |
| I3 | 5.3 | 5.3 | 100.0 | 98.1 | 38.5 | 38.6 | 99.7 | 101.6 | 38.6 | 38.7 | 99.7 | 100.5 | 10.8 | 10.7 | 100.9 | 99.1 | 93 | 94 | 98.9 | 94.9 |
| K3 | 5.0 | 5.7 | 87.7 | 92.6 | 37.6 | 37.5 | 100.3 | 99.2 | 38.7 | 38.4 | 100.8 | 100.8 | 10.8 | 10.8 | 100.0 | 95.1 | 94 | 95 | 98.9 | 95.9 |
| L3 | | 5.3 | | | 37.5 | | | | 38.6 | | | | 11.3 | | | | 92 | | | |
| M3 | | 5.3 | | | 38.0 | | | | 38.0 | | | | 10.8 | | | | 94 | | | |
| E4 | | 6.4 | | | 37.4 | | | | 38.0 | | | | 11.2 | | | | 96 | | | |
| F4 | 4.3 | 5.2 | 82.7 | 79.6 | 36.9 | 37.4 | 98.7 | 97.4 | 38.3 | 38.4 | 99.7 | 99.7 | 10.4 | 11.2 | 92.8 | 95.4 | 96 | 98 | 98.0 | 98.0 |
| G4 | | 4.2 | | | 37.6 | | | | 39.1 | | | | 11.2 | | | | 98 | | | |
| J4 | 5.7 | 5.6 | 101.8 | 105.6 | 38.2 | 38.3 | 99.7 | 100.8 | 38.5 | 38.6 | 99.7 | 100.3 | 11.0 | 11.0 | 100.0 | 100.9 | 96 | 98 | 98.0 | 92.0 |
| M4 | 5.3 | 5.3 | 100.0 | 98.1 | 37.5 | 37.4 | 100.3 | 98.9 | 38.5 | 38.4 | 100.3 | 100.3 | 11.3 | 11.3 | 100.0 | 103.7 | 97 | 96 | 101.0 | 99.0 |
| N4 | 4.9 | 4.8 | 102.1 | 90.7 | 37.2 | 37.2 | 100.0 | 98.2 | 38.4 | 38.5 | 99.7 | 100.0 | 10.2 | 10.4 | 98.1 | 93.6 | 102 | 106 | 101.9 | 110.2 |
| O4 | | 4.7 | | | 37.6 | | | | 39.0 | | | | 12.0 | | | | 96 | | | |
| Q4 | | 4.7 | | | 37.6 | | | | 38.2 | | | | 11.5 | | | | 102 | | | |
| R4 | 5.8 | 5.9 | 98.3 | 107.4 | 38.1 | 38.1 | 100.0 | 100.5 | 38.2 | 38.2 | 100.0 | 99.5 | 11.0 | 10.9 | 100.9 | 100.9 | 94 | 97 | 98.9 | 95.9 |

TABLE VIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
FEBRUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIBER, PT | | | | BURSTING STRENGTH, P S I G | | | |
|------|------------------------------|---------------|--------------|---------------|----------------------------|---------------|--------------|---------------|---------------------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|-------------------------------|---------------|-------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | | |
| C1 | 5.3 | | 38.7 | | 38.8 | | 10.9 | | 96 | | | | | | | | | | | |
| G1 | 4.6 | | 37.3 | | 38.6 | | | | 96 | | | | | | | | | | | |
| M1 | 5.3 | 5.2 | 101.9 | 98.1 | 38.3 | 38.2 | 100.3 | 101.3 | 38.4 | 38.3 | 100.3 | 100.0 | 11.2 | 11.1 | 100.9 | 102.8 | 99 | 101 | 98.0 | 101.0 |
| L1 | 4.7 | 4.8 | 97.9 | 87.0 | 37.2 | 37.6 | 98.9 | 98.4 | 38.5 | 38.8 | 99.2 | 100.3 | 9.5 | 10.0 | 95.0 | 87.2 | 53 | 94 | 96.9 | 94.9 |
| T1 | 4.8 | | 38.3 | | 38.3 | | 39.6 | | | | | | 10.1 | | | | 94 | | | |
| V1 | 5.9 | | 38.1 | | 38.2 | | | | | | | | | | | | 92 | | | |
| Y1 | 4.8 | | 37.7 | | 38.9 | | | | 38.9 | | | | 11.5 | | | | 113 | | | |
| A2 | 5.0 | 5.6 | 89.3 | 92.6 | 37.9 | 37.6 | 100.8 | 100.3 | 39.0 | 38.5 | 101.3 | 101.6 | 10.4 | 10.1 | 103.0 | 95.4 | 101 | 108 | 93.5 | 103.1 |
| C2 | 5.4 | 5.0 | 108.0 | 100.0 | 37.5 | 37.4 | 100.3 | 99.2 | 38.5 | 38.5 | 100.0 | 100.3 | 10.6 | 10.5 | 101.0 | 97.2 | 99 | 98 | 101.0 | 101.0 |
| D2 | 5.2 | | 37.1 | | 38.1 | | | | 38.1 | | | | 11.8 | | | | 106 | | | |
| J2 | 5.2 | 5.8 | 89.6 | 96.3 | 38.0 | 38.0 | 100.0 | 100.5 | 38.1 | 38.1 | 100.0 | 99.2 | 11.5 | 11.2 | 102.7 | 105.5 | 104 | 101 | 103.0 | 106.1 |
| M2 | 5.7 | | 37.6 | | 38.5 | | | | 38.5 | | | | 10.2 | | | | 100 | | | |
| R2 | 5.7 | | 38.3 | | 38.4 | | | | 38.4 | | | | 12.3 | | | | 100 | | | |
| V2 | 5.9 | | 37.0 | | 37.8 | | | | 37.8 | | | | 11.7 | | | | 98 | | | |
| A3 | 6.4 | 5.9 | 108.5 | 118.5 | 38.0 | 38.0 | 100.0 | 100.5 | 38.2 | 38.2 | 100.0 | 99.5 | 11.7 | 11.0 | 106.4 | 107.3 | 100 | 94 | 106.4 | 102.0 |
| B3 | 5.8 | 5.5 | 92.7 | 94.4 | 38.1 | 38.4 | 99.2 | 100.8 | 38.2 | 38.5 | 99.2 | 99.5 | 10.4 | 10.3 | 98.0 | 92.7 | 96 | 97 | 99.0 | 92.0 |
| C3 | 6.3 | 6.0 | 105.0 | 116.7 | 37.0 | 37.5 | 98.7 | 97.9 | 37.6 | 38.2 | 98.4 | 97.9 | 10.8 | 11.0 | 98.2 | 95.1 | 100 | 104 | 96.2 | 102.0 |
| E3 | 5.3 | | 37.4 | | 38.4 | | | | 38.4 | | | | 10.5 | | | | 99 | | | |
| F3 | 5.4 | 5.3 | 101.9 | 100.0 | 39.1 | 39.1 | 100.0 | 103.4 | 39.2 | 39.2 | 100.0 | 102.1 | 10.6 | 10.8 | 98.1 | 97.2 | 97 | 95 | 102.1 | 99.0 |
| I3 | 5.4 | 5.3 | 101.9 | 100.0 | 38.4 | 38.6 | 99.5 | 101.6 | 38.5 | 38.7 | 99.5 | 100.3 | 10.6 | 10.8 | 98.1 | 97.2 | 94 | 94 | 100.0 | 95.9 |
| K3 | 5.8 | 5.6 | 103.6 | 107.4 | 38.1 | 37.4 | 101.9 | 100.8 | 38.9 | 38.3 | 101.6 | 101.3 | 11.0 | 10.8 | 101.8 | 100.5 | 94 | 95 | 92.9 | 95.9 |
| L4 | 5.2 | 5.3 | 98.1 | 96.3 | 37.6 | 37.5 | 100.3 | 99.5 | 38.7 | 38.6 | 100.2 | 100.8 | 11.1 | 11.3 | 98.2 | 101.8 | 90 | 92 | 97.8 | 91.8 |
| E4 | 6.0 | 6.4 | 93.8 | 118.1 | 37.9 | 38.0 | 99.7 | 100.3 | 38.0 | 38.0 | 100.0 | 99.0 | 10.4 | 10.8 | 96.3 | 95.4 | 97 | 94 | 103.2 | 99.0 |
| F4 | 5.4 | 5.1 | 105.9 | 100.0 | 37.4 | 37.3 | 100.3 | 98.9 | 38.4 | 38.4 | 100.0 | 100.0 | 11.0 | 11.1 | 99.1 | 100.5 | 97 | 98 | 99.0 | 99.0 |
| G4 | 4.0 | 4.2 | 95.2 | 74.1 | 38.4 | 37.6 | 102.1 | 101.6 | 40.0 | 39.1 | 102.3 | 104.2 | 11.2 | | | | 97 | 98 | 99.0 | 99.0 |
| J4 | 5.7 | 5.6 | 101.8 | 105.6 | 38.2 | 38.3 | 99.7 | 101.0 | 38.5 | 38.6 | 99.7 | 100.3 | 11.2 | 11.0 | 101.8 | 102.8 | 100 | 98 | 102.0 | 102.0 |
| M4 | 5.3 | 5.3 | 100.0 | 98.1 | 37.5 | 37.4 | 100.3 | 99.2 | 38.5 | 38.4 | 100.3 | 100.3 | 11.2 | 11.3 | 99.1 | 102.8 | 97 | 97 | 100.0 | 99.0 |
| O4 | 4.7 | 4.7 | 100.0 | 87.0 | 37.3 | 37.2 | 100.3 | 98.7 | 38.6 | 38.4 | 100.5 | 100.5 | 10.3 | 10.4 | 99.0 | 94.5 | 110 | 107 | 102.8 | 112.2 |
| Q4 | 4.7 | | 37.6 | | 39.0 | | | | 39.0 | | | | 12.0 | | | | 96 | | | |
| R4 | 5.6 | | 37.3 | | 38.2 | | | | 38.2 | | | | 11.5 | | | | 102 | | | |
| U4 | 5.8 | 5.0 | 98.3 | 107.4 | 38.3 | 38.1 | 100.5 | 101.3 | 38.4 | 38.2 | 100.5 | 100.0 | 10.7 | 11.0 | 97.3 | 98.2 | 94 | 97 | 96.9 | 95.9 |

TABLE IX
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| MARCH, 1982 | | | | | | | | | | | | | | | | |
|------------------------------|--------------|-------------|-------------|----------------------------|--------------|-------------|-------------|---------------------------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|------------|
| MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIBER, PT | | | | |
| CODE | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | |
| | CUR. AV. | CUM. AV. | FAC. AV. | IND. °C | CUR. AV. | CUM. AV. | FAC. AV. | IND. °C | CUR. AV. | CUM. AV. | FAC. AV. | IND. °C | CUR. AV. | CUM. AV. | FAC. AV. | IND. °C |
| C1 | 6.1 | 5.3 | 115.1 | 113.0 | 38.1 | 38.7 | 98.4 | 100.8 | 38.2 | 38.8 | 98.4 | 99.5 | 10.8 | 10.9 | 99.1 | 95.1 |
| G1 | 4.6 | 4.6 | | | 37.3 | 37.3 | | | 38.6 | 38.6 | | | 0.0 | 0.0 | | 96 |
| H1 | 5.3 | 5.2 | 101.9 | 98.1 | 38.3 | 38.2 | 100.3 | 101.3 | 38.4 | 38.4 | 100.0 | 100.0 | 11.0 | 11.2 | 98.2 | 100.9 |
| L1 | 5.1 | 4.8 | 106.2 | 94.4 | 37.3 | 37.5 | 99.5 | 98.7 | 38.4 | 38.8 | 99.0 | 100.0 | 9.1 | 9.9 | 91.9 | 83.5 |
| T1 | 4.8 | 4.8 | | | 38.3 | 38.3 | | | 39.6 | 39.6 | | | 10.1 | 10.1 | | 94 |
| V1 | 6.3 | 5.9 | 106.8 | 116.7 | 38.0 | 38.1 | 99.7 | 100.5 | 38.1 | 38.2 | 99.7 | 99.2 | | | | 92 |
| Y1 | 4.8 | 4.8 | | | 37.7 | 37.7 | | | 38.9 | 38.9 | | | 11.5 | 11.5 | | 113 |
| A2 | 5.8 | 5.5 | 105.4 | 107.4 | 37.8 | 37.7 | 100.3 | 100.0 | 38.6 | 38.6 | 100.0 | 100.5 | 10.5 | 10.2 | 102.9 | 96.3 |
| C2 | 5.1 | 5.1 | | | 37.4 | 37.4 | | | 38.5 | 38.5 | | | 10.5 | 10.5 | | 98 |
| D2 | 5.2 | 5.2 | | | 37.1 | 37.1 | | | 38.1 | 38.1 | | | 11.8 | 11.8 | | 106 |
| J2 | 4.7 | 5.7 | 82.4 | 87.0 | 38.3 | 38.0 | 100.8 | 101.3 | 38.4 | 38.1 | 100.8 | 100.0 | 11.2 | 11.2 | 100.0 | 102.8 |
| N2 | 5.7 | 5.7 | | | 37.6 | 37.6 | | | 38.5 | 38.5 | | | 10.2 | 10.2 | | 100 |
| R2 | 5.7 | 5.7 | 180.0 | 105.6 | 37.9 | 38.2 | 99.2 | 100.3 | 38.0 | 38.3 | 99.2 | 99.0 | 11.4 | 12.3 | 92.7 | 104.6 |
| V2 | 5.7 | 5.7 | | | 37.0 | 37.0 | | | 37.9 | 37.9 | | | 11.6 | 11.6 | | 98 |
| A3 | 6.3 | 5.9 | 106.8 | 116.7 | 38.1 | 38.0 | 100.3 | 100.8 | 38.3 | 38.2 | 100.3 | 99.7 | 11.4 | 11.1 | 102.7 | 104.6 |
| B3 | 5.7 | 5.4 | 105.6 | 105.6 | 38.4 | 38.4 | 100.0 | 101.6 | 38.5 | 38.5 | 100.0 | 100.3 | 10.7 | 10.2 | 104.9 | 98.2 |
| C3 | 6.3 | 6.0 | 105.0 | 116.7 | 37.7 | 37.4 | 100.8 | 99.7 | 38.3 | 38.1 | 100.5 | 99.7 | 11.2 | 11.0 | 101.8 | 102.8 |
| E3 | 5.6 | 5.4 | 103.7 | 103.7 | 37.6 | 37.4 | 100.5 | 99.5 | 38.5 | 38.4 | 100.3 | 100.3 | 10.4 | 10.5 | 99.0 | 95.4 |
| F3 | 5.6 | 5.4 | 103.7 | 103.7 | 39.0 | 39.8 | 180.0 | 103.2 | 39.1 | 39.1 | 108.0 | 101.8 | 10.7 | 10.7 | 100.0 | 95.4 |
| I3 | 5.2 | 5.3 | 98.1 | 96.3 | 38.2 | 38.5 | 99.2 | 101.0 | 38.3 | 38.6 | 95.2 | 99.7 | 10.6 | 10.7 | 99.1 | 97.2 |
| K3 | 5.9 | 5.6 | 105.4 | 109.2 | 37.5 | 37.5 | 100.0 | 99.2 | 38.3 | 38.4 | 99.7 | 99.7 | 11.2 | 10.9 | 102.8 | 102.8 |
| L4 | 5.3 | 5.3 | | | 37.5 | 37.5 | | | 38.6 | 38.6 | | | 11.2 | 11.2 | | 91 |
| E4 | 6.3 | 6.3 | | | 37.9 | 37.9 | | | 38.0 | 38.0 | | | 10.6 | 10.6 | | 95 |
| F4 | 5.5 | 5.1 | 107.8 | 101.8 | 37.3 | 37.3 | 108.0 | 98.7 | 38.2 | 38.4 | 99.5 | 99.5 | 11.0 | 11.1 | 99.1 | 100.9 |
| G4 | 4.2 | 4.2 | | | 37.8 | 37.8 | | | 39.3 | 39.3 | | | 11.2 | 11.2 | | 98 |
| J4 | 5.6 | 5.6 | | | 38.3 | 38.3 | | | 38.6 | 38.6 | | | 11.0 | 11.0 | | 98 |
| M4 | 5.1 | 5.2 | 98.1 | 94.4 | 37.4 | 37.4 | 100.0 | 98.9 | 38.5 | 38.4 | 100.3 | 100.3 | 11.0 | 11.3 | 97.3 | 100.9 |
| O4 | 4.5 | 4.7 | 95.7 | 83.3 | 37.1 | 37.2 | 99.7 | 98.1 | 38.4 | 38.4 | 100.0 | 100.0 | 10.3 | 10.3 | 100.0 | 94.5 |
| Q4 | 4.7 | 4.7 | | | 37.6 | 37.6 | | | 39.0 | 39.0 | | | 12.0 | 12.0 | | 96 |
| R4 | 5.6 | 5.6 | | | 38.2 | 38.2 | | | 38.2 | 38.2 | | | 11.5 | 11.5 | | 102 |
| U4 | 5.8 | 5.9 | 98.3 | 107.4 | 38.1 | 38.1 | 108.0 | 100.8 | 38.2 | 38.2 | 100.0 | 99.5 | 10.7 | 10.9 | 98.2 | 98.2 |
| V4 | | | | | | | | | | | | | | | | 93 |
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FMSG DATA

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|---------------|-------|-------|-------|------|-------|
| CUR. AV. | 5.6 | 37.9 | 38.4 | 10.8 | 98 |
| CUM. AV. | 5.4 | 37.8 | 38.4 | 10.9 | 98 |
| IND. °D 103.7 | 100.3 | 100.0 | 100.0 | 99.1 | 100.0 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

Page 15
Report Eighty-Three

TABLE X

| MOISTURE CONTENT, PERCENT | | | | | | | | | | BASIS WT., LB. / M SQ FT | | | | ADJ. BASIS WT., LB. / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, PSI | | | | | | | | | |
|---------------------------|-----|----------|-------|------------|------|--------------|-------|----------|------|--------------------------|-------|------------|------|-------------------------------|-------|----------|-----|-------------|-------|------------|-----|------------------------|-------|----------|-----|----------|-------|------------|-----|-------|-------|
| CUR. AV. | | CUM. AV. | | FACT. IND. | | MACHINE DATA | | CUR. AV. | | CUM. AV. | | FACT. IND. | | MACHINE DATA | | CUR. AV. | | CUM. AV. | | FACT. IND. | | MACHINE DATA | | CUR. AV. | | CUM. AV. | | FACT. IND. | | | |
| % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | % | | | |
| 5-6 | 5.4 | 103.7 | 100.0 | 42.3 | 42.2 | 100.2 | 101.7 | 42.4 | 42.3 | 100.2 | 100.0 | 11.8 | 12.1 | 97.5 | 98.3 | 104 | 104 | 100.0 | 99.0 | 104 | 104 | 100.0 | 99.0 | 104 | 104 | 100.0 | 99.0 | 104 | 104 | 100.0 | 99.0 |
| 4-8 | 4.8 | 100.0 | 85.7 | 40.8 | 43.8 | 100.0 | 98.1 | 42.1 | 42.1 | 100.0 | 99.3 | 11.9 | 12.1 | 98.3 | 99.2 | 114 | 112 | 101.8 | 102.8 | 114 | 112 | 101.8 | 102.8 | 114 | 112 | 101.8 | 102.8 | 114 | 112 | 101.8 | 102.8 |
| 4-9 | 4.7 | 104.2 | 87.5 | 41.6 | 41.5 | 100.0 | 100.0 | 42.9 | 42.9 | 100.0 | 101.2 | 11.2 | 11.2 | 100.0 | 99.3 | 108 | 106 | 101.9 | 102.8 | 108 | 106 | 101.9 | 102.8 | 108 | 106 | 101.9 | 102.8 | 108 | 106 | 101.9 | 102.8 |
| 5-2 | 5.4 | 96.3 | 92.8 | 41.4 | 41.5 | 99.8 | 99.5 | 42.6 | 42.6 | 100.0 | 100.5 | 12.4 | 12.4 | 100.0 | 99.5 | 102 | 102 | 100.0 | 97.1 | 102 | 102 | 100.0 | 97.1 | 102 | 102 | 100.0 | 97.1 | 102 | 102 | 100.0 | 97.1 |
| 5-5 | 5.5 | 100.0 | 98.2 | 42.1 | 42.1 | 100.0 | 101.2 | 42.2 | 42.2 | 100.0 | 99.5 | 12.5 | 12.4 | 100.8 | 104.2 | 105 | 107 | 98.1 | 100.0 | 105 | 107 | 98.1 | 100.0 | 105 | 107 | 98.1 | 100.0 | 105 | 107 | 98.1 | 100.0 |
| 5-1 | 5.3 | 94.3 | 89.3 | 41.3 | 41.6 | 99.3 | 99.3 | 42.5 | 42.7 | 99.5 | 100.2 | 11.7 | 10.7 | 109.3 | 97.5 | 103 | 104 | 99.0 | 98.1 | 103 | 104 | 99.0 | 98.1 | 103 | 104 | 99.0 | 98.1 | 103 | 104 | 99.0 | 98.1 |
| 5-0 | 5.2 | 96.2 | 89.3 | 41.3 | 41.7 | 99.0 | 99.3 | 42.5 | 42.8 | 99.3 | 100.2 | 10.8 | 10.8 | 100.0 | 90.0 | 102 | 104 | 98.1 | 97.1 | 102 | 104 | 98.1 | 97.1 | 102 | 104 | 98.1 | 97.1 | 102 | 104 | 98.1 | 97.1 |
| 5-0 | 5.0 | 101.7 | 107.1 | 42.0 | 42.0 | 100.0 | 101.0 | 42.1 | 42.1 | 100.0 | 99.3 | 12.4 | 12.4 | 100.0 | 99.3 | 101 | 101 | 100.0 | 96.2 | 101 | 101 | 100.0 | 96.2 | 101 | 101 | 100.0 | 96.2 | 101 | 101 | 100.0 | 96.2 |
| 5-1 | 5.0 | 100.0 | 89.3 | 41.5 | 41.6 | 99.8 | 99.8 | 42.7 | 42.8 | 99.8 | 100.7 | 12.4 | 11.7 | 106.0 | 103.3 | 124 | 110 | 112.7 | 118.1 | 124 | 110 | 112.7 | 118.1 | 124 | 110 | 112.7 | 118.1 | 124 | 110 | 112.7 | 118.1 |
| 5-5 | 6.3 | 87.3 | 98.2 | 41.4 | 41.6 | 99.5 | 99.5 | 42.4 | 42.2 | 100.5 | 100.0 | 11.6 | 11.3 | 102.6 | 96.7 | 107 | 111 | 96.4 | 101.9 | 107 | 111 | 96.4 | 101.9 | 107 | 111 | 96.4 | 101.9 | 107 | 111 | 96.4 | 101.9 |
| 5-2 | 5.6 | 100.0 | 100.0 | 41.4 | 41.5 | 99.8 | 99.5 | 42.4 | 42.5 | 99.8 | 100.0 | 11.5 | 12.0 | 95.8 | 95.8 | 108 | 108 | 100.0 | 102.8 | 108 | 108 | 100.0 | 102.8 | 108 | 108 | 100.0 | 102.8 | 108 | 108 | 100.0 | 102.8 |
| 5-3 | 5.3 | 93.2 | 98.2 | 42.3 | 42.1 | 100.5 | 101.7 | 42.4 | 42.2 | 100.5 | 99.5 | 12.9 | 12.9 | 100.0 | 94.2 | 109 | 109 | 100.0 | 97.1 | 109 | 109 | 100.0 | 97.1 | 109 | 109 | 100.0 | 97.1 | 109 | 109 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-2 | 5.2 | 98.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 | 110 | 110 | 100.0 | 97.1 |
| 5-3 | 5.3 | 93.2 | 98.2 | 41.4 | 41.4 | 99.8 | 99.8 | 42.4 | 42.4 | 99.8 | 99.8 | 11.4 | 11.4 | 100.0 | 94.2 | 110 | 110 | 100.0 | 97.1 | 110 | | | | | | | | | | | |

FKBG DATA

EUR. 5.5
AV. 5.5

CUM.

AV. 5-6
IND.

98-2

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XI
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, PSIG | | | |
|------|------------------------------|-----------|--------------|-----------|----------------------------|-----------|--------------|-----------|---------------------------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|----------------------------|-----------|-------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | CUR. AV. | FAC. IND. | | |
| C1 | 5.7 | 5.4 | 105.6 | 101.8 | 42.2 | 42.2 | 100.0 | 101.4 | 42.3 | 42.4 | 99.8 | 99.8 | 11.9 | 12.1 | 98.3 | 99.2 | 104 | 104 | 100.0 | 95.0 |
| D1 | 4.6 | 4.8 | 95.8 | 82.1 | 40.9 | 40.8 | 100.2 | 98.3 | 42.3 | 42.1 | 100.5 | 99.8 | 11.8 | 12.0 | 98.3 | 98.3 | 117 | 113 | 103.5 | 111.4 |
| E1 | 5.0 | 4.7 | 106.4 | 89.3 | 41.6 | 41.5 | 100.2 | 100.0 | 42.8 | 42.9 | 99.8 | 100.9 | 11.2 | 11.2 | 100.0 | 93.3 | 109 | 106 | 102.8 | 103.2 |
| G1 | 5.0 | 5.4 | 92.6 | 89.3 | 41.3 | 41.5 | 99.5 | 99.3 | 42.5 | 42.6 | 99.8 | 100.2 | 12.5 | 12.5 | 100.0 | 93.3 | 102 | 102 | 100.0 | 97.1 |
| H1 | 5.5 | 5.5 | 180.0 | 98.2 | 42.1 | 42.1 | 100.0 | 101.2 | 42.2 | 42.2 | 100.0 | 99.5 | 12.3 | 12.4 | 99.2 | 102.5 | 106 | 107 | 95.1 | 101.0 |
| I1 | 5.1 | 5.3 | 96.2 | 91.1 | 41.1 | 41.5 | 99.0 | 98.8 | 42.3 | 42.7 | 99.1 | 99.8 | 11.1 | 10.8 | 102.8 | 92.5 | 101 | 104 | 97.1 | 96.2 |
| T1 | 5.2 | 5.3 | 98.1 | 92.8 | 41.4 | 41.6 | 99.5 | 99.5 | 42.6 | 42.7 | 99.8 | 100.5 | 10.9 | 10.8 | 100.9 | 90.8 | 104 | 104 | 100.0 | 99.0 |
| V1 | 6.0 | 5.9 | 101.7 | 107.1 | 42.0 | 42.0 | 100.0 | 101.0 | 42.1 | 42.1 | 100.0 | 99.3 | 11.9 | 11.9 | 101.8 | 95.8 | 105 | 101 | 104.0 | 100.0 |
| Y1 | 5.0 | 6.2 | 98.4 | 108.9 | 41.4 | 41.6 | 99.5 | 99.5 | 42.1 | 42.8 | 99.8 | 99.3 | 11.5 | 11.3 | 101.8 | 95.8 | 108 | 115 | 98.2 | 102.8 |
| A2 | 5.8 | 5.5 | 105.4 | 103.6 | 41.6 | 41.5 | 100.2 | 100.0 | 42.5 | 42.5 | 100.0 | 100.2 | 11.8 | 11.9 | 99.2 | 98.3 | 107 | 107 | 100.0 | 101.9 |
| C2 | 5.2 | 5.2 | | | 41.1 | 41.1 | | | 42.2 | 42.2 | | | 12.8 | 12.8 | | | 109 | 109 | | |
| D2 | 5.3 | 5.3 | | | 41.5 | 41.5 | | | 42.6 | 42.6 | | | 11.3 | 11.3 | | | 110 | 110 | | |
| I2 | 5.7 | 5.9 | 96.6 | 101.8 | 42.1 | 41.9 | 100.5 | 101.2 | 42.2 | 42.0 | 100.5 | 99.5 | 12.9 | 12.4 | 104.0 | 107.5 | 114 | 108 | 105.6 | 106.6 |
| J2 | 6.3 | 6.9 | 91.3 | 112.5 | 42.0 | 42.0 | 100.0 | 101.0 | 42.1 | 42.1 | 100.0 | 99.3 | 11.5 | 11.7 | 98.3 | 95.8 | 105 | 106 | 99.0 | 100.0 |
| M2 | 6.0 | 5.9 | 101.7 | 107.1 | 41.5 | 41.5 | 100.0 | 99.8 | 42.3 | 42.4 | 99.8 | 99.8 | 11.7 | 11.4 | 102.6 | 97.5 | 101 | 103 | 98.0 | 96.2 |
| N2 | 6.6 | 5.9 | 111.9 | 117.8 | 41.7 | 41.7 | 100.0 | 100.2 | 42.2 | 42.6 | 99.1 | 99.5 | 12.4 | 12.3 | 100.8 | 103.3 | 99 | 100 | 95.0 | 94.3 |
| O2 | 3.3 | 3.3 | | | 40.9 | 40.9 | | | 42.9 | 42.9 | | | 11.7 | 11.7 | | | 108 | 108 | | |
| R2 | 5.9 | 5.9 | | | 42.0 | 42.0 | | | 42.1 | 42.1 | | | 13.4 | 13.4 | | | 104 | 104 | | |
| U2 | 4.4 | 3.8 | 115.8 | 78.6 | 41.7 | 41.6 | 100.2 | 100.2 | 42.1 | 42.0 | 100.2 | 99.3 | 12.8 | 12.9 | 99.2 | 106.7 | 102 | 102 | 100.0 | 97.1 |
| V2 | 5.6 | 5.8 | 96.6 | 100.0 | 40.9 | 40.9 | 100.0 | 98.3 | 41.9 | 41.8 | 100.2 | 98.8 | 12.6 | 12.3 | 102.4 | 105.0 | 104 | 103 | 101.0 | 95.0 |
| A3 | 6.0 | 6.0 | | | 42.0 | 42.0 | | | 42.2 | 42.2 | | | 11.9 | 11.9 | | | 104 | 104 | | |
| B3 | 5.5 | 5.8 | 94.8 | 98.2 | 42.1 | 42.1 | 100.0 | 101.2 | 42.2 | 42.2 | 100.0 | 99.5 | 11.3 | 11.4 | 99.1 | 94.2 | 103 | 106 | 97.2 | 98.1 |
| C3 | 6.7 | 6.4 | 104.7 | 119.6 | 41.8 | 41.8 | 100.0 | 100.5 | 42.3 | 42.4 | 99.8 | 99.8 | 11.7 | 12.0 | 97.5 | 97.5 | 107 | 112 | 95.5 | 101.9 |
| E3 | 5.6 | 5.8 | 96.6 | 100.0 | 41.4 | 41.5 | 99.8 | 99.5 | 42.4 | 42.4 | 100.0 | 100.0 | 11.7 | 11.6 | 100.9 | 97.5 | 106 | 107 | 95.1 | 101.0 |
| F3 | 5.8 | 5.4 | 107.4 | 103.6 | 42.6 | 42.5 | 100.2 | 102.4 | 42.7 | 42.6 | 100.2 | 100.7 | 11.4 | 11.8 | 96.6 | 95.0 | 104 | 104 | 100.0 | 99.0 |
| I3 | 5.8 | 5.5 | 105.4 | 103.6 | 41.9 | 42.2 | 99.3 | 100.7 | 42.0 | 42.4 | 99.0 | 99.0 | 12.1 | 12.0 | 100.8 | 100.6 | 105 | 104 | 101.0 | 100.0 |
| K3 | 5.8 | 6.0 | 96.7 | 103.6 | 41.9 | 41.6 | 100.7 | 100.7 | 42.8 | 42.4 | 100.9 | 100.9 | 11.6 | 11.8 | 98.3 | 96.7 | 102 | 102 | 100.0 | 97.1 |
| R3 | 6.3 | 6.3 | 100.0 | 112.5 | 42.2 | 42.1 | 100.2 | 101.4 | 42.3 | 42.2 | 100.2 | 99.8 | 11.4 | 11.2 | 101.8 | 95.0 | 103 | 104 | 95.0 | 98.1 |
| T3 | 6.1 | 6.1 | | | 41.0 | 41.0 | | | 41.6 | 41.6 | | | 11.6 | 11.6 | | | 110 | 110 | | |
| U3 | 5.6 | 5.5 | 101.8 | 100.0 | 41.5 | 41.8 | 99.3 | 99.8 | 42.5 | 42.8 | 99.3 | 100.2 | 12.6 | 12.2 | 103.3 | 105.0 | 108 | 103 | 104.8 | 102.8 |
| V3 | 6.0 | 6.0 | | | 42.2 | 42.2 | | | 42.6 | 42.6 | | | 12.4 | 12.4 | | | 102 | 102 | | |
| M3 | 6.0 | 5.8 | 103.4 | 107.1 | 41.5 | 41.4 | 100.2 | 99.8 | 42.3 | 42.3 | 100.0 | 99.8 | 12.1 | 11.8 | 102.5 | 100.8 | 102 | 102 | 100.0 | 97.1 |
| B4 | 5.7 | 6.5 | 87.7 | 101.8 | 41.5 | 41.5 | 100.0 | 99.8 | 42.5 | 42.0 | 101.2 | 100.2 | 11.5 | 12.0 | 95.8 | 95.8 | 111 | 101 | 105.5 | 105.7 |
| C4 | 5.6 | 5.4 | 103.7 | 100.0 | 41.5 | 41.5 | 100.0 | 99.8 | 42.5 | 42.6 | 99.8 | 100.2 | 12.3 | 12.4 | 99.2 | 102.5 | 100 | 100 | 100.0 | 95.2 |
| D4 | 6.6 | 6.5 | 101.5 | 117.8 | 42.0 | 42.0 | 100.0 | 101.0 | 42.1 | 42.2 | 99.8 | 99.3 | 11.8 | 11.5 | 102.6 | 98.3 | 104 | 104 | 100.0 | 95.0 |
| E4 | 6.5 | 6.5 | | | 41.9 | 41.9 | | | 42.0 | 42.0 | | | 11.7 | 11.7 | | | 106 | 106 | | |
| F4 | 6.0 | 5.6 | 107.1 | 107.1 | 41.7 | 41.4 | 100.7 | 100.2 | 42.5 | 42.4 | 100.2 | 100.2 | 12.3 | 12.2 | 100.8 | 102.5 | 104 | 105 | 95.0 | 99.0 |
| G4 | 4.8 | 4.5 | 106.7 | 85.7 | 41.5 | 41.2 | 100.7 | 99.8 | 42.9 | 42.6 | 100.7 | 101.2 | 12.2 | 12.2 | | | 104 | 104 | 100.0 | 99.0 |
| H4 | 6.1 | 5.7 | 107.0 | 108.9 | 41.5 | 41.5 | 100.0 | 99.8 | 42.2 | 42.4 | 99.5 | 99.5 | 11.7 | 11.8 | 99.2 | 97.5 | 100 | 100 | 100.0 | 95.2 |
| J4 | 5.7 | 5.7 | 100.0 | 101.8 | 42.2 | 42.2 | 100.0 | 101.4 | 42.6 | 42.6 | 100.0 | 100.5 | 11.7 | 12.0 | 97.5 | 97.5 | 107 | 107 | 100.0 | 101.9 |
| K4 | 5.6 | 5.4 | 103.7 | 100.0 | 42.1 | 42.0 | 100.2 | 101.2 | 42.3 | 42.2 | 100.2 | 99.8 | 11.4 | 11.9 | 95.8 | 95.0 | 106 | 105 | 101.0 | 101.0 |
| L4 | 6.5 | 6.5 | | | 42.4 | 42.4 | | | 42.8 | 42.8 | | | 12.0 | 12.0 | | | 118 | 118 | | |
| N4 | 5.6 | 5.5 | 101.8 | 100.0 | 41.5 | 41.4 | 100.2 | 99.8 | 42.5 | 42.5 | 100.0 | 100.2 | 12.3 | 12.4 | 99.2 | 102.5 | 105 | 105 | 100.0 | 100.0 |
| O4 | 4.8 | 4.8 | 100.0 | 85.7 | 41.0 | 41.1 | 99.8 | 98.6 | 42.4 | 42.4 | 99.8 | 100.0 | 11.7 | 11.8 | 99.2 | 97.5 | 113 | 112 | 100.9 | 107.6 |
| Q4 | 5.4 | 5.4 | | | 41.5 | 41.5 | | | 42.5 | 42.5 | | | 13.5 | 13.5 | | | 102 | 102 | | |
| S4 | 5.5 | 5.4 | 101.8 | 98.2 | 41.2 | 41.3 | 99.8 | 99.0 | 42.2 | 42.4 | 99.5 | 99.5 | 12.9 | 13.2 | 97.7 | 107.5 | 98 | 97 | 101.0 | 91.3 |
| U4 | 6.0 | 6.0 | 100.0 | 107.1 | 42.1 | 42.1 | 100.0 | 101.2 | 42.2 | 42.2 | 100.0 | 99.5 | 11.5 | 11.6 | 99.1 | 95.8 | 103 | 105 | 98.1 | 92.1 |
| V4 | 5.8 | 6.0 | 96.7 | 103.6 | 43.1 | 42.5 | 101.4 | 103.6 | 43.2 | 42.6 | 101.4 | 101.9 | 12.3 | 13.1 | 93.9 | 102.5 | 125 | 109 | 114.7 | 119.0 |

FKSG DATA

| | | | | |
|------|-------|-------|------|-------|
| CUR. | 41.7 | 42.4 | 11.9 | 105 |
| CUM. | 41.6 | 42.4 | 12.0 | 105 |
| AV. | 100.2 | 100.0 | 99.2 | 100.0 |
| IND. | | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, P S I G | | | |
|------|------------------------------|-------------|--------------|------------|----------------------------|-------------|--------------|------------|---------------------------------|-------------|--------------|------------|--------------|-------------|--------------|------------|-------------------------------|-------------|-----------|------------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | CUM. AV. | FAC. # | IND. °C | CUR. AV. | CUM. AV. | FAC. # | IND. °C | CUR. AV. | CUM. AV. | FAC. # | IND. °C | CUR. AV. | CUM. AV. | FAC. # | IND. °C | CUR. AV. | CUM. AV. | FAC. # | IND. °C |
| C1 | 5-9 | 5-4 | 109-2 | 105-4 | 42-1 | 42-2 | 99-8 | 101-2 | 42-2 | 42-4 | 99-5 | 99-5 | 11-7 | 12-1 | 96-7 | 97-5 | 104 | 104 | 100-0 | 99-0 |
| D1 | 4-9 | 4-8 | 102-1 | 87-5 | 40-9 | 40-8 | 100-2 | 98-3 | 42-2 | 42-1 | 100-2 | 99-5 | 12-0 | 12-0 | 100-0 | 100-0 | 119 | 113 | 105-3 | 113-3 |
| E1 | 4-3 | 4-8 | 102-1 | 87-5 | 41-5 | 41-5 | 100-0 | 99-8 | 42-6 | 42-9 | 99-8 | 100-9 | 11-2 | 11-2 | 100-0 | 93-3 | 108 | 107 | 100-9 | 102-8 |
| G1 | 4-9 | 5-4 | 90-7 | 87-5 | 41-3 | 41-5 | 99-5 | 99-3 | 42-6 | 42-6 | 100-0 | 100-5 | 11-6 | 12-5 | 92-8 | 96-7 | 103 | 102 | 101-0 | 98-1 |
| H1 | 5-6 | 5-5 | 101-8 | 100-0 | 42-1 | 42-1 | 100-0 | 101-2 | 42-2 | 42-2 | 100-0 | 99-5 | 12-5 | 12-4 | 100-8 | 104-2 | 105 | 107 | 99-1 | 100-0 |
| L1 | 5-3 | 5-3 | 100-0 | 94-6 | 41-3 | 41-4 | 99-8 | 99-3 | 42-4 | 42-6 | 99-5 | 100-0 | 10-5 | 10-8 | 97-2 | 87-5 | 103 | 104 | 99-0 | 98-1 |
| T1 | 5-4 | 5-3 | 101-9 | 96-4 | 41-5 | 41-5 | 100-0 | 99-8 | 42-6 | 42-6 | 100-0 | 100-5 | 11-0 | 10-8 | 101-8 | 51-7 | 104 | 104 | 100-0 | 99-0 |
| V1 | 6-3 | 5-9 | 106-8 | 112-5 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-1 | 100-0 | 99-3 | 10-9 | 12-1 | 90-1 | 90-8 | 122 | 117 | 104-0 | 100-0 |
| Y1 | 4-6 | 5-0 | 92-0 | 82-1 | 40-6 | 41-5 | 97-8 | 97-6 | 42-0 | 42-8 | 98-1 | 99-0 | 10-9 | 12-1 | 90-1 | 90-8 | 122 | 117 | 104-0 | 100-0 |
| A2 | 6-1 | 6-2 | 98-4 | 108-9 | 41-4 | 41-5 | 99-8 | 99-5 | 42-1 | 42-2 | 99-8 | 99-3 | 11-5 | 11-3 | 101-8 | 95-8 | 107 | 110 | 97-3 | 101-9 |
| C2 | 5-5 | 5-5 | 100-0 | 98-2 | 41-6 | 41-5 | 100-2 | 100-0 | 42-6 | 42-5 | 100-2 | 100-5 | 11-3 | 11-9 | 95-0 | 94-2 | 112 | 107 | 104-7 | 106-7 |
| D2 | 5-3 | 5-3 | 100-0 | 98-2 | 41-6 | 41-5 | 100-2 | 100-0 | 42-6 | 42-5 | 100-2 | 100-5 | 11-3 | 11-9 | 95-0 | 94-2 | 112 | 107 | 104-7 | 106-7 |
| I2 | 5-3 | 5-3 | 100-0 | 98-2 | 41-6 | 41-5 | 100-2 | 100-0 | 42-6 | 42-5 | 100-2 | 100-5 | 11-3 | 11-9 | 95-0 | 94-2 | 112 | 107 | 104-7 | 106-7 |
| J2 | 4-9 | 5-8 | 84-5 | 87-5 | 42-5 | 41-9 | 101-4 | 102-2 | 42-6 | 42-0 | 101-4 | 100-5 | 12-4 | 12-5 | 99-2 | 103-3 | 113 | 109 | 103-7 | 107-6 |
| M2 | 6-4 | 6-8 | 94-1 | 114-1 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-1 | 100-0 | 99-3 | 12-1 | 11-7 | 103-4 | 100-8 | 106 | 106 | 100-0 | 101-0 |
| N2 | 6-0 | 5-9 | 101-7 | 107-1 | 41-6 | 41-5 | 100-2 | 100-0 | 42-4 | 42-3 | 100-2 | 100-0 | 11-8 | 11-4 | 103-5 | 98-3 | 101 | 103 | 98-0 | 96-2 |
| O2 | 6-6 | 6-0 | 110-0 | 117-8 | 41-6 | 41-6 | 99-5 | 100-0 | 42-1 | 42-6 | 98-8 | 99-3 | 12-4 | 12-3 | 100-8 | 103-3 | 99 | 100 | 99-0 | 94-3 |
| Q2 | 3-2 | 3-2 | 100-0 | 100-0 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-1 | 100-0 | 99-3 | 12-4 | 12-4 | 100-8 | 103-3 | 99 | 108 | 99-0 | 94-3 |
| R2 | 5-7 | 5-9 | 96-6 | 101-8 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-1 | 100-0 | 99-3 | 12-4 | 12-4 | 100-8 | 103-3 | 117 | 104 | 112-5 | 111-4 |
| U2 | 4-6 | 3-9 | 117-9 | 82-1 | 41-5 | 41-7 | 99-5 | 99-8 | 41-9 | 42-1 | 99-5 | 98-8 | 12-5 | 13-0 | 96-2 | 104-2 | 102 | 102 | 98-0 | 95-2 |
| V2 | 5-9 | 5-8 | 101-7 | 105-4 | 40-9 | 40-8 | 100-2 | 98-3 | 41-8 | 41-8 | 100-0 | 98-6 | 12-6 | 12-3 | 102-4 | 105-0 | 101 | 104 | 97-1 | 96-2 |
| A3 | 6-4 | 5-9 | 108-5 | 114-3 | 42-0 | 42-0 | 100-0 | 101-0 | 42-2 | 42-2 | 100-0 | 99-5 | 12-0 | 11-9 | 100-8 | 100-0 | 103 | 104 | 99-0 | 98-1 |
| B3 | 5-7 | 5-8 | 98-3 | 101-8 | 42-2 | 42-1 | 100-2 | 101-4 | 42-3 | 42-2 | 100-2 | 99-8 | 11-5 | 11-4 | 100-9 | 95-8 | 105 | 105 | 100-0 | 100-0 |
| C3 | 6-9 | 6-4 | 107-8 | 123-2 | 42-1 | 41-8 | 100-7 | 101-2 | 42-5 | 42-4 | 100-2 | 100-2 | 12-1 | 12-0 | 100-8 | 100-8 | 108 | 112 | 96-4 | 102-8 |
| E3 | 5-9 | 5-8 | 101-7 | 105-4 | 41-4 | 41-4 | 100-0 | 99-5 | 42-3 | 42-3 | 100-0 | 99-8 | 11-5 | 11-7 | 98-3 | 95-8 | 106 | 107 | 99-1 | 101-0 |
| F3 | 5-8 | 5-5 | 105-4 | 103-6 | 42-9 | 42-4 | 101-2 | 103-1 | 43-0 | 42-5 | 101-2 | 101-4 | 11-8 | 11-7 | 100-8 | 98-3 | 104 | 104 | 100-0 | 99-0 |
| I3 | 5-4 | 5-6 | 96-4 | 96-4 | 42-3 | 42-2 | 100-2 | 101-7 | 42-4 | 42-3 | 100-2 | 100-0 | 12-2 | 12-0 | 101-7 | 101-7 | 107 | 104 | 102-9 | 101-9 |
| K3 | 6-1 | 6-0 | 101-7 | 108-9 | 41-8 | 41-6 | 100-5 | 100-5 | 42-6 | 42-4 | 100-5 | 100-5 | 12-1 | 11-8 | 102-5 | 100-8 | 102 | 102 | 100-0 | 97-1 |
| M3 | 6-3 | 6-3 | 100-0 | 112-5 | 42-2 | 42-1 | 100-2 | 101-4 | 42-3 | 42-2 | 100-2 | 99-8 | 11-5 | 11-2 | 102-7 | 95-8 | 103 | 104 | 99-0 | 92-1 |
| N3 | 6-1 | 6-1 | 100-0 | 112-5 | 42-2 | 42-1 | 100-2 | 101-4 | 42-3 | 42-2 | 100-2 | 99-8 | 11-5 | 11-2 | 102-7 | 95-8 | 103 | 104 | 99-0 | 92-1 |
| U3 | 5-6 | 5-5 | 101-8 | 100-0 | 41-6 | 41-8 | 99-5 | 100-0 | 42-6 | 42-8 | 99-5 | 100-5 | 13-0 | 12-2 | 106-6 | 108-3 | 105 | 104 | 101-0 | 100-0 |
| V3 | 6-0 | 6-0 | 106-9 | 110-7 | 41-5 | 41-6 | 100-2 | 99-8 | 42-2 | 42-3 | 99-8 | 99-5 | 12-2 | 11-9 | 102-5 | 101-7 | 102 | 101 | 101-0 | 97-1 |
| W3 | 6-2 | 5-8 | 106-9 | 110-7 | 41-5 | 41-4 | 100-2 | 99-8 | 42-2 | 42-3 | 99-8 | 99-5 | 12-2 | 11-9 | 102-5 | 101-7 | 102 | 101 | 101-0 | 97-1 |
| X4 | 6-0 | 6-4 | 93-8 | 107-1 | 41-5 | 41-5 | 100-0 | 99-8 | 42-3 | 42-1 | 100-5 | 99-8 | 11-1 | 12-0 | 92-5 | 92-5 | 112 | 102 | 109-8 | 106-7 |
| Y4 | 5-5 | 5-4 | 101-8 | 98-2 | 41-5 | 41-5 | 100-0 | 99-8 | 42-5 | 42-6 | 99-8 | 100-2 | 12-3 | 12-4 | 99-2 | 102-5 | 101 | 100 | 101-0 | 96-2 |
| Z4 | 6-5 | 6-5 | 100-0 | 116-1 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-2 | 99-8 | 99-3 | 11-6 | 11-5 | 100-9 | 96-7 | 104 | 104 | 100-0 | 99-0 |
| F4 | 6-5 | 6-5 | 100-0 | 116-1 | 42-0 | 42-0 | 100-0 | 101-0 | 42-1 | 42-2 | 99-8 | 99-3 | 11-6 | 11-5 | 100-9 | 96-7 | 104 | 104 | 100-0 | 99-0 |
| G4 | 5-8 | 5-6 | 103-6 | 103-6 | 41-5 | 41-4 | 100-2 | 99-8 | 42-4 | 42-4 | 100-0 | 100-0 | 12-3 | 12-2 | 100-8 | 102-5 | 105 | 104 | 101-0 | 100-0 |
| H4 | 4-9 | 4-5 | 108-9 | 87-5 | 41-5 | 41-2 | 100-7 | 99-8 | 42-8 | 42-7 | 100-2 | 100-9 | 10-6 | 12-1 | 87-6 | 88-3 | 103 | 104 | 99-0 | 98-1 |
| M4 | 5-9 | 5-8 | 101-7 | 105-4 | 41-4 | 41-5 | 99-8 | 99-5 | 42-3 | 42-4 | 99-8 | 99-8 | 11-7 | 11-8 | 99-2 | 97-5 | 100 | 100 | 100-0 | 95-2 |
| N4 | 5-9 | 5-7 | 103-5 | 105-4 | 42-2 | 42-2 | 100-0 | 101-4 | 42-6 | 42-6 | 100-0 | 100-5 | 12-4 | 12-0 | 103-3 | 103-3 | 105 | 107 | 98-1 | 100-0 |
| O4 | 6-0 | 5-4 | 111-1 | 107-1 | 42-1 | 42-0 | 100-2 | 101-2 | 42-3 | 42-2 | 100-2 | 99-8 | 11-3 | 11-9 | 95-0 | 94-2 | 108 | 105 | 102-8 | 102-8 |
| L4 | 6-4 | 6-4 | 100-0 | 96-4 | 41-4 | 41-4 | 100-0 | 99-5 | 42-5 | 42-5 | 100-0 | 100-2 | 12-2 | 12-2 | 98-4 | 101-7 | 106 | 105 | 101-0 | 101-0 |
| M4 | 5-4 | 5-4 | 100-0 | 96-4 | 41-4 | 41-4 | 100-0 | 99-5 | 42-5 | 42-5 | 100-0 | 100-2 | 12-2 | 12-2 | 98-4 | 101-7 | 106 | 105 | 101-0 | 101-0 |
| O4 | 4-7 | 4-8 | 97-9 | 83-9 | 41-1 | 41-1 | 100-0 | 98-8 | 42-5 | 42-5 | 100-0 | 100-2 | 11-6 | 11-8 | 94-3 | 96-7 | 110 | 112 | 98-2 | 104-8 |
| Q4 | 4-9 | 5-4 | 90-7 | 87-5 | 41-3 | 41-5 | 99-5 | 99-3 | 42-6 | 42-5 | 100-2 | 100-5 | 12-9 | 13-5 | 94-8 | 106-7 | 104 | 102 | 102-0 | 99-0 |
| S4 | 5-3 | 5-4 | 98-1 | 94-6 | 41-6 | 41-3 | 100-7 | 100-0 | 42-7 | 42-3 | 100-9 | 100-7 | 13-0 | 13-1 | 99-2 | 108-3 | 99 | 98 | 101-0 | 94-3 |
| T4 | 5-9 | 6-0 | 98-3 | 105-4 | 42-1 | 42-1 | 100-0 | 101-2 | 42-2 | 42-2 | 100-0 | 99-5 | 11-4 | 11-6 | 98-3 | 95-0 | 104 | 104 | 100-0 | 99-0 |
| U4 | 5-6 | 5-9 | 94-9 | 100-0 | 43-5 | 42-8 | 101-6 | 104-6 | 43-6 | 42-9 | 101-6 | 102-8 | 13-1 | 12-7 | 103-1 | 109-2 | 125 | 117 | 106-8 | 119-0 |

FRMG DATA
CUR.
AV. 5-7
CUM.
AV. 5-6
IND.
*D 101-8

106
105
101-0

11-9
12-0
99-2

42-4
42-4
100-0

41-7
41-6
100-2

NOTE- NQIES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
JANUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT., LB / M SQ FT | | | | CALIPER, PT | | | | BURSTING STRENGTH, PSI G | | | |
|------|------------------------------|---------------|--------------|---------------|----------------------------|---------------|--------------|---------------|---------------------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|-----------------------------|---------------|-------|-------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | | |
| | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | | |
| C1 | 6.8 | 6.6 | 103.0 | 109.7 | 69.1 | 69.1 | 100.0 | 100.9 | 69.3 | 69.3 | 100.0 | 99.8 | 17.6 | 18.7 | 94.1 | 89.8 | 140 | 141 | 55.3 | 98.6 |
| D1 | 4.9 | 4.8 | 102.1 | 79.0 | 67.2 | 67.0 | 100.3 | 98.1 | 69.3 | 69.2 | 100.1 | 99.8 | 20.1 | 20.2 | 99.5 | 102.6 | 151 | 151 | 100.0 | 106.3 |
| E1 | 6.9 | 7.0 | 98.6 | 111.3 | 68.3 | 68.4 | 99.8 | 99.7 | 69.0 | 69.0 | 100.0 | 99.4 | 17.9 | 18.4 | 97.3 | 91.3 | 143 | 143 | 100.0 | 100.7 |
| G1 | 6.2 | | | | 68.4 | | | | 69.6 | | | | 19.3 | | | | 138 | | | |
| H1 | 5.8 | 5.8 | 100.0 | 93.5 | 69.5 | 69.3 | 100.3 | 101.4 | 69.7 | 69.5 | 100.3 | 100.4 | 20.3 | 20.4 | 99.5 | 103.6 | 138 | 140 | 98.6 | 97.2 |
| T1 | 5.9 | 6.0 | 98.3 | 95.2 | 67.9 | 68.5 | 99.1 | 99.1 | 69.3 | 69.9 | 99.1 | 99.8 | 18.0 | 17.6 | 102.3 | 91.8 | 140 | 137 | 102.2 | 98.6 |
| V1 | 6.2 | | | | 69.0 | | | | 69.2 | | | | | | | | 138 | | | |
| Y1 | 6.1 | 5.8 | 105.2 | 98.4 | 68.0 | 68.1 | 99.8 | 99.3 | 69.2 | 69.5 | 99.6 | 99.7 | 21.7 | 19.6 | 110.7 | 110.7 | 157 | 147 | 106.8 | 110.6 |
| A2 | 5.7 | 7.0 | 81.4 | 91.9 | 68.5 | 68.8 | 99.6 | 100.0 | 70.1 | 69.4 | 101.0 | 101.0 | 19.5 | 18.6 | 104.8 | 95.5 | 146 | 152 | 96.0 | 102.8 |
| C2 | 6.0 | 6.2 | 96.8 | 96.8 | 68.5 | 68.4 | 100.1 | 100.0 | 69.9 | 69.6 | 100.4 | 100.7 | 20.1 | 20.7 | 97.1 | 102.6 | 143 | 140 | 102.1 | 100.7 |
| I2 | 6.1 | | | | 68.7 | | | | 70.0 | | | | 19.7 | | | | 143 | | | |
| J2 | 5.9 | | | | 69.0 | | | | 69.2 | | | | 19.9 | | | | 162 | | | |
| M2 | 6.6 | 6.8 | 97.0 | 106.4 | 68.6 | 68.6 | 100.0 | 100.1 | 69.5 | 69.3 | 100.3 | 100.1 | 19.8 | 19.2 | 103.1 | 101.0 | 134 | 139 | 96.4 | 94.4 |
| N2 | 6.8 | 6.9 | 98.6 | 109.7 | 69.3 | 69.0 | 100.4 | 101.2 | 70.1 | 69.6 | 100.7 | 101.0 | 19.2 | 19.4 | 99.0 | 98.0 | 139 | 138 | 100.7 | 97.9 |
| Q2 | 4.0 | | | | 67.7 | | | | 70.5 | | | | 19.8 | | | | 145 | | | |
| R2 | 6.1 | | | | 69.0 | | | | 69.2 | | | | 21.9 | | | | 143 | | | |
| U2 | 4.1 | 4.8 | 85.4 | 66.1 | 67.6 | 67.3 | 108.4 | 98.7 | 68.2 | 67.9 | 100.4 | 98.3 | 20.8 | 21.2 | 98.1 | 106.1 | 146 | 142 | 102.8 | 102.8 |
| V2 | 6.2 | | | | 67.5 | | | | 68.7 | | | | 20.8 | | | | 136 | | | |
| B3 | 6.0 | 6.5 | 92.3 | 96.8 | 69.1 | 69.0 | 100.1 | 100.9 | 69.3 | 69.2 | 100.1 | 99.8 | 17.6 | 18.3 | 96.2 | 89.8 | 141 | 146 | 96.6 | 95.3 |
| C3 | 6.8 | 7.0 | 97.1 | 109.7 | 68.5 | 68.8 | 99.6 | 100.0 | 69.3 | 69.4 | 99.8 | 99.8 | 19.8 | 19.6 | 101.0 | 101.0 | 140 | 142 | 98.6 | 98.6 |
| D3 | 6.2 | | | | 70.0 | | | | 70.6 | | | | 18.3 | | | | 149 | | | |
| E3 | 6.1 | | | | 68.3 | | | | 69.5 | | | | 19.8 | | | | 141 | | | |
| F3 | 5.8 | 6.0 | 96.7 | 93.5 | 69.9 | 69.4 | 100.7 | 102.0 | 70.1 | 69.6 | 100.7 | 101.0 | 19.4 | 19.6 | 99.0 | 99.0 | 138 | 136 | 101.5 | 97.2 |
| K3 | 6.7 | 6.9 | 97.1 | 108.1 | 68.9 | 68.5 | 100.6 | 100.6 | 69.7 | 69.2 | 100.7 | 100.4 | 18.8 | 19.1 | 98.4 | 95.9 | 137 | 139 | 98.6 | 96.5 |
| M3 | 4.7 | 5.6 | 83.5 | 75.8 | 67.0 | 68.4 | 98.0 | 97.8 | 69.3 | 70.0 | 99.0 | 99.8 | 18.8 | 19.2 | 97.9 | 95.9 | 146 | 143 | 102.1 | 102.8 |
| R3 | 7.0 | 7.6 | 92.1 | 112.9 | 69.2 | 69.1 | 100.1 | 101.0 | 69.4 | 69.3 | 100.1 | 100.0 | 19.3 | 18.8 | 102.6 | 98.5 | 141 | 137 | 102.9 | 99.3 |
| T3 | 6.4 | 6.5 | 98.5 | 103.2 | 68.2 | 67.9 | 100.4 | 99.6 | 69.2 | 68.8 | 100.6 | 99.7 | 19.3 | 19.5 | 99.0 | 98.5 | 143 | 140 | 102.1 | 100.7 |
| U3 | 5.9 | 5.6 | 105.4 | 95.2 | 68.4 | 68.7 | 99.6 | 99.8 | 69.8 | 70.3 | 99.3 | 100.6 | 20.3 | 21.0 | 96.7 | 103.6 | 139 | 137 | 101.4 | 97.9 |
| M3 | 6.6 | | | | 68.5 | | | | 69.4 | | | | 19.9 | | | | 136 | | | |
| A4 | 6.2 | 6.4 | 96.9 | 100.0 | 69.4 | 69.4 | 100.0 | 101.3 | 70.0 | 70.0 | 100.0 | 100.9 | 19.3 | 19.4 | 99.5 | 98.5 | 144 | 145 | 99.3 | 101.4 |
| B4 | 7.2 | | | | 68.5 | | | | 69.0 | | | | 20.5 | | | | 137 | | | |
| F4 | 5.4 | 6.1 | 88.5 | 87.1 | 67.6 | 68.3 | 99.0 | 98.7 | 69.4 | 69.6 | 99.7 | 100.0 | 20.0 | 20.4 | 98.0 | 102.0 | 139 | 139 | 100.0 | 97.9 |
| G4 | 4.7 | 5.2 | 90.4 | 75.8 | 68.0 | 67.8 | 100.3 | 99.3 | 70.3 | 69.7 | 100.9 | 101.3 | 19.4 | | | | 142 | 138 | 102.9 | 100.0 |
| J4 | 5.6 | | | | 69.5 | | | | 70.1 | | | | 20.9 | | | | 138 | | | |
| K4 | 6.4 | 6.0 | 106.7 | 103.2 | 69.2 | 69.1 | 100.1 | 101.0 | 69.5 | 69.4 | 100.1 | 100.1 | 19.7 | 19.5 | 101.0 | 100.5 | 142 | 141 | 100.7 | 100.0 |
| L4 | | | | | 69.0 | | | | 69.6 | | | | 17.9 | | | | 172 | | | |
| V4 | 6.3 | | | | 101.6 | 70.0 | | | 102.2 | 70.2 | | | 101.2 | 20.9 | | 106.6 | 153 | | | 107.7 |

FMKG DATA

| | | | | | | | | | | | | | | | | | | | | |
|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CUR. | | | | | | | | | | | | | | | | | | | | |
| AV. | 6.0 | | | | | | | | | | | | | | | | | | | |
| CUM. | | | | | | | | | | | | | | | | | | | | |
| AV. | 6.2 | | | | | | | | | | | | | | | | | | | |
| IND. | | | | | | | | | | | | | | | | | | | | |
| IND. | 95.8 | | | | | | | | | | | | | | | | | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
FEBRUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | BASIS WT., LB / M SQ FT | | ADJ. BASIS WT., LB / M SQ FT | | CALIPER, PT | | BURSTING STRENGTH, P S I G | |
|------|------------------------------|--------------|----------------------------|--------------|---------------------------------|--------------|--------------|--------------|-------------------------------|--------------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | |
| | CUR. AV. | FAC. IND. *C | CUR. AV. | FAC. IND. *C | CUR. AV. | FAC. IND. *C | CUR. AV. | FAC. IND. *C | CUR. AV. | FAC. IND. *C |
| C1 | 6.8 | 6-6 | 103.0 | 109.7 | 69.1 | 69.1 | 100.0 | 100.9 | 69.3 | 69.3 |
| D1 | 4.7 | 4-8 | 97.9 | 75.8 | 67.0 | 67.0 | 100.0 | 97.8 | 69.3 | 69.3 |
| E1 | 7.1 | 7-0 | 101.4 | 114.5 | 68.4 | 68.4 | 100.0 | 99.8 | 68.9 | 68.9 |
| G1 | 6.2 | | | | 68.4 | | | | 69.6 | |
| H1 | 5.8 | 5-8 | 100.0 | 91.5 | 69.3 | 69.3 | 100.0 | 101.2 | 69.5 | 69.5 |
| I1 | 5.9 | 6-0 | 98.3 | 95.2 | 68.0 | 68.0 | 99.4 | 99.3 | 69.4 | 69.4 |
| V1 | 6.0 | 6-3 | 95.2 | 96.8 | 68.9 | 68.9 | 99.0 | 99.8 | 69.1 | 69.1 |
| Y1 | 5.9 | | | | 68.0 | | | | 69.5 | |
| A2 | 6.6 | 6-9 | 95.6 | 106.4 | 68.4 | 68.4 | 99.4 | 99.8 | 69.3 | 69.3 |
| C2 | 6.1 | 6-1 | 100.0 | 98.4 | 68.5 | 68.5 | 100.0 | 100.0 | 69.7 | 69.7 |
| I2 | 6.1 | | | | 68.7 | | | | 70.0 | |
| N2 | 6.7 | 6-8 | 98.5 | 108.1 | 68.4 | 68.4 | 99.7 | 99.8 | 69.2 | 69.2 |
| O2 | 7.5 | 6-9 | 108.7 | 121.0 | 69.7 | 69.7 | 101.0 | 101.8 | 69.9 | 69.9 |
| Q2 | 4.0 | | | | 67.7 | | | | 70.5 | |
| R2 | 6.1 | | | | 69.0 | | | | 69.2 | |
| U2 | 5.1 | 4-8 | 106.2 | 82.2 | 68.1 | 68.1 | 101.0 | 99.4 | 68.7 | 68.7 |
| V2 | 6.0 | 6-2 | 96.8 | 96.8 | 67.2 | 67.2 | 99.5 | 99.6 | 68.7 | 68.7 |
| B3 | 6.5 | | | | 69.0 | | | | 69.2 | |
| C3 | 7.3 | 7-0 | 104.3 | 117.7 | 68.9 | 68.9 | 100.6 | 99.7 | 69.2 | 69.2 |
| D3 | 6.2 | | | | 70.0 | | | | 70.6 | |
| E3 | 5.7 | 6-1 | 93.4 | 91.9 | 67.8 | 67.8 | 99.3 | 99.0 | 69.4 | 69.4 |
| F3 | 5.8 | 5-9 | 98.3 | 93.5 | 69.1 | 69.1 | 99.6 | 99.6 | 69.6 | 69.6 |
| K3 | 7.1 | 6-9 | 102.9 | 114.5 | 69.4 | 69.4 | 101.2 | 100.9 | 69.2 | 69.2 |
| H3 | 5.5 | 5-6 | 98.2 | 88.7 | 67.9 | 67.9 | 99.4 | 99.1 | 69.6 | 69.6 |
| R3 | 7.1 | 7-6 | 93.4 | 114.5 | 69.1 | 69.1 | 100.0 | 100.9 | 69.3 | 69.3 |
| T3 | 6.5 | 6-4 | 101.6 | 104.8 | 67.9 | 67.9 | 100.0 | 99.4 | 68.9 | 68.9 |
| U3 | 5.8 | 5-7 | 101.8 | 93.5 | 68.5 | 68.5 | 99.8 | 99.0 | 70.0 | 70.0 |
| H3 | 6.6 | 6-7 | 98.5 | 106.4 | 68.7 | 68.7 | 100.3 | 99.6 | 69.4 | 69.4 |
| A4 | 6.3 | 6-4 | 98.4 | 101.6 | 69.3 | 69.3 | 99.8 | 101.2 | 69.9 | 69.9 |
| B4 | 7.2 | | | | 68.5 | | | | 69.0 | |
| F4 | 6.2 | 6-1 | 101.6 | 100.0 | 68.5 | 68.5 | 100.3 | 100.0 | 69.7 | 69.7 |
| G4 | 5.2 | 5-1 | 102.0 | 83.9 | 68.6 | 68.6 | 101.2 | 100.1 | 70.5 | 70.5 |
| J4 | 5.6 | | | | 69.5 | | | | 70.1 | |
| K4 | 6.4 | 6-1 | 104.9 | 103.2 | 69.0 | 69.0 | 99.8 | 100.7 | 69.3 | 69.3 |
| L4 | 6.6 | | | | 69.0 | | | | 69.6 | |
| V4 | 6.3 | 6-3 | 100.0 | 101.6 | 69.7 | 69.7 | 100.0 | 99.6 | 69.9 | 69.9 |

| FRBG DATA | | CUR. | | CUM. | | IND. | | D | |
|-----------|-------|-------|-------|-------|-------|------|--|---|--|
| AV. | 6.2 | 68.6 | 69.4 | 19.6 | 142 | | | | |
| AV. | 6.2 | 68.5 | 69.4 | 19.6 | 142 | | | | |
| IND. | 100.0 | 100.1 | 100.0 | 100.0 | 100.0 | | | | |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XV
AVERAGES OF REGUINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| MOISTURE CONTENT, PERCENT | | | | BASIS WT., LB / M SQ FT | | | | ADJ. BASIS WT.,** LB / M SQ FT | | | | CALIBER, PT | | | | BURSTING STRENGTH, P S I G | | | | |
|------------------------------|--------------|----------|----------|----------------------------|--------------|----------|----------|-----------------------------------|--------------|----------|----------|-------------|--------------|----------|----------|-------------------------------|-----|-------|-------|-------|
| CODE | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | MACHINE DATA | | | | | | | |
| | CUR. AV. | CUM. AV. | FACT. #B | IND. #C | CUR. AV. | CUM. AV. | FACT. #B | IND. #C | CUR. AV. | CUM. AV. | FACT. #B | IND. #C | CUR. AV. | CUM. AV. | FACT. #B | IND. #C | | | | |
| 7-2 | 6-6 | 109-1 | 116-1 | 69-1 | 69-2 | 99-8 | 100-9 | 69-3 | 69-4 | 99-8 | 99-8 | 18-6 | 18-6 | 100-0 | 94-9 | 140 | 141 | 99-3 | 98-6 | |
| 5-1 | 4-8 | 106-2 | 82-2 | 67-2 | 67-0 | 100-3 | 98-1 | 69-1 | 69-2 | 99-8 | 99-6 | 20-6 | 20-0 | 103-0 | 105-1 | 144 | 152 | 94-7 | 101-4 | |
| 7-3 | 7-0 | 104-3 | 117-7 | 68-5 | 68-4 | 100-1 | 100-0 | 68-8 | 69-0 | 99-7 | 99-1 | 17-7 | 18-4 | 96-2 | 90-3 | 146 | 143 | 102-1 | 102-8 | |
| 5-7 | 6-2 | 91-9 | 91-9 | 68-1 | 68-4 | 99-6 | 99-4 | 69-7 | 69-6 | 100-1 | 100-4 | 19-3 | 19-8 | 97-5 | 98-5 | 145 | 138 | 105-1 | 102-1 | |
| 5-9 | 5-8 | 101-7 | 95-2 | 69-2 | 69-3 | 99-8 | 101-0 | 69-4 | 69-5 | 99-8 | 100-0 | 20-6 | 20-4 | 101-0 | 105-1 | 137 | 140 | 97-8 | 96-5 | |
| 6-2 | 6-0 | 103-3 | 100-0 | 68-2 | 68-3 | 99-8 | 99-6 | 69-4 | 69-7 | 99-6 | 100-0 | 17-7 | 17-6 | 100-6 | 90-3 | 139 | 138 | 100-7 | 97-9 | |
| 6-3 | 6-0 | 105-0 | 101-6 | 69-1 | 68-9 | 100-3 | 100-9 | 69-3 | 69-1 | 100-3 | 99-8 | 19-3 | 19-7 | 98-0 | 98-5 | 148 | 150 | 98-7 | 104-2 | |
| 5-5 | 5-8 | 94-8 | 88-7 | 68-2 | 68-0 | 100-3 | 99-6 | 69-9 | 69-5 | 100-6 | 100-7 | 19-4 | 18-7 | 103-7 | 99-0 | 145 | 152 | 95-4 | 102-1 | |
| 6-8 | 6-8 | 100-0 | 109-7 | 68-8 | 68-7 | 100-1 | 100-4 | 69-6 | 69-5 | 100-1 | 100-3 | 20-1 | 20-5 | 98-0 | 102-6 | 139 | 141 | 98-6 | 97-9 | |
| 6-0 | 6-1 | 98-4 | 96-8 | 68-5 | 68-4 | 100-1 | 100-0 | 69-9 | 69-6 | 100-4 | 100-7 | 20-1 | 20-5 | 98-0 | 102-6 | 139 | 141 | 98-6 | 97-9 | |
| I2 | 6-1 | | | 68-7 | | | 70-0 | | | | | 19-7 | | | | 143 | | | | |
| 7-0 | 6-7 | 104-5 | 112-9 | 68-7 | 68-5 | 100-3 | 100-3 | 69-3 | 69-3 | 100-0 | 99-8 | 19-9 | 19-3 | 103-1 | 101-5 | 137 | 138 | 99-3 | 96-5 | |
| 6-2 | 7-5 | 7-0 | 107-1 | 121-0 | 69-2 | 69-1 | 100-1 | 101-0 | 69-4 | 69-7 | 99-6 | 100-0 | 19-1 | 19-3 | 99-0 | 97-4 | 137 | 138 | 99-3 | 96-5 |
| Q2 | 4-1 | | | 67-7 | | | 70-5 | | | | | 19-8 | | | | 144 | | | | |
| 6-1 | 6-1 | 100-0 | 98-4 | 68-9 | 69-0 | 99-8 | 100-6 | 69-1 | 69-2 | 99-8 | 99-6 | 19-9 | 21-8 | 91-3 | 101-5 | 158 | 142 | 111-3 | 111-3 | |
| U2 | 5-5 | 4-8 | 114-6 | 88-7 | 68-0 | 67-6 | 100-6 | 99-3 | 68-6 | 68-2 | 100-6 | 98-8 | 20-8 | 21-3 | 97-6 | 106-1 | 147 | 142 | 103-5 | 103-5 |
| 6-5 | 6-2 | 104-8 | 104-8 | 68-0 | 67-5 | 100-7 | 99-3 | 69-0 | 68-7 | 100-4 | 99-4 | 22-2 | 20-9 | 106-2 | 113-3 | 143 | 137 | 104-4 | 100-7 | |
| B3 | 6-2 | 6-5 | 95-4 | 100-0 | 68-8 | 69-0 | 99-7 | 100-4 | 69-0 | 69-2 | 99-7 | 99-4 | 18-1 | 18-1 | 99-5 | 95-5 | 143 | 146 | 97-9 | 100-7 |
| C3 | 7-0 | 7-0 | 100-0 | 112-9 | 69-4 | 68-8 | 100-9 | 101-3 | 70-0 | 69-4 | 100-9 | 100-9 | 19-5 | 19-6 | 99-5 | 95-5 | 139 | 141 | 98-6 | 57-9 |
| D3 | 6-2 | | | 70-0 | | | 70-6 | | | | | 18-3 | | | | 149 | | | | |
| E3 | 6-0 | | | 68-2 | | | 69-5 | | | | | 19-8 | | | | 141 | | | | |
| 5-9 | 5-9 | 101-7 | 96-8 | 70-1 | 69-4 | 101-0 | 102-3 | 70-3 | 69-6 | 101-0 | 101-3 | 19-0 | 19-5 | 97-4 | 96-9 | 141 | 137 | 102-9 | 99-3 | |
| X3 | 7-1 | 6-9 | 102-5 | 114-5 | 69-3 | 68-6 | 101-0 | 101-2 | 69-9 | 69-3 | 100-9 | 100-7 | 19-7 | 18-2 | 102-6 | 100-5 | 140 | 138 | 101-4 | 98-6 |
| W3 | 5-5 | 5-5 | 100-0 | 88-7 | 68-1 | 68-4 | 99-6 | 99-4 | 69-8 | 70-1 | 99-6 | 100-6 | 19-1 | 19-1 | 100-0 | 97-4 | 144 | 145 | 99-3 | 101-4 |
| 7-2 | 7-5 | 96-0 | 116-1 | 69-2 | 69-1 | 100-1 | 101-0 | 69-4 | 69-3 | 100-1 | 100-0 | 19-6 | 19-0 | 103-2 | 100-0 | 137 | 138 | 99-3 | 96-5 | |
| T3 | 6-4 | 6-4 | 100-0 | 103-2 | 68-1 | 67-9 | 100-3 | 99-4 | 69-1 | 68-9 | 100-3 | 99-6 | 19-5 | 19-5 | 100-0 | 99-5 | 141 | 141 | 100-0 | 99-3 |
| U3 | 5-8 | 5-8 | 100-0 | 93-5 | 68-6 | 68-6 | 100-0 | 100-1 | 70-1 | 70-2 | 99-8 | 101-0 | 21-7 | 21-0 | 103-3 | 110-7 | 140 | 136 | 102-9 | 98-6 |
| M3 | 6-6 | | | 68-6 | | | 69-4 | | | | | 19-9 | | | | 136 | | | | |
| A4 | 6-7 | 6-4 | 104-7 | 108-1 | 69-2 | 69-4 | 99-7 | 101-0 | 69-8 | 70-0 | 99-7 | 100-6 | 19-6 | 19-5 | 100-5 | 100-0 | 149 | 145 | 102-8 | 104-9 |
| B4 | 7-2 | | | 68-5 | | | 69-0 | | | | | 20-5 | | | | 137 | | | | |
| F4 | 6-2 | 6-1 | 101-6 | 100-0 | 68-3 | 68-3 | 100-0 | 99-7 | 69-5 | 69-6 | 99-8 | 100-1 | 20-6 | 20-4 | 101-0 | 105-1 | 139 | 139 | 100-0 | 97-9 |
| G4 | 5-3 | 5-0 | 106-0 | 85-5 | 68-5 | 67-8 | 101-0 | 100-0 | 70-3 | 69-9 | 100-6 | 101-3 | 18-1 | 19-4 | 93-3 | 92-3 | 141 | 138 | 102-2 | 99-3 |
| J4 | 5-6 | | | 69-5 | | | 70-1 | | | | | 20-9 | | | | 141 | | | | |
| K4 | 7-0 | 6-1 | 114-8 | 112-9 | 69-2 | 69-1 | 100-1 | 101-0 | 65-5 | 69-4 | 100-1 | 100-1 | 20-7 | 19-7 | 105-1 | 105-6 | 141 | 141 | 100-0 | 99-3 |
| L4 | 6-6 | | | 68-9 | | | 69-5 | | | | | 18-2 | | | | 171 | | | | |
| V4 | 6-0 | 6-3 | 95-2 | 96-8 | 69-8 | 69-8 | 100-0 | 101-9 | 70-0 | 70-0 | 100-0 | 100-9 | 19-9 | 20-6 | 96-6 | 101-5 | 158 | 162 | 97-5 | 111-3 |

FKBG DATA

| CUR. AV. #B | IND. #C | 19-7 | 143 |
|---------------|---------|-------|-------|
| CUM. AV. #B | IND. #C | 19-6 | 142 |
| IND. #D 101-6 | IND. #C | 100-5 | 100-7 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVI
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
JANUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | | BASIS WT., LB / M SQ FT | | | ADJ. BASIS WT., LB / M SQ FT | | | CALIPER, PT | | | BURSTING STRENGTH, P S I G | | |
|-----------|------------------------------|------------|---------|----------------------------|------------|---------|---------------------------------|------------|---------|--------------|------------|---------|-------------------------------|------------|---------|
| | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | | MACHINE DATA | | |
| | CUR. AV. | FACI. IND. | IND. %C | CUR. AV. | FACI. IND. | IND. %C | CUR. AV. | FACI. IND. | IND. %C | CUR. AV. | FACI. IND. | IND. %C | CUR. AV. | FACI. IND. | IND. %C |
| C1 | 6.9 | 109.5 | 109.5 | 90.4 | 90.3 | 100.1 | 101.0 | 90.7 | 90.6 | 100.1 | 100.1 | 24.8 | 24.7 | 100.4 | 96.5 |
| D1 | 5.0 | 4.7 | 106.4 | 79.4 | 87.5 | 87.6 | 99.9 | 97.8 | 90.1 | 90.5 | 99.6 | 99.4 | 25.9 | 26.9 | 96.3 |
| E1 | 7.0 | 7.0 | 100.0 | 111.1 | 89.6 | 89.3 | 100.3 | 100.1 | 90.4 | 90.1 | 100.3 | 99.8 | 23.5 | 24.1 | 97.5 |
| G1 | 6.1 | 6.1 | 100.0 | 96.8 | 89.5 | 89.4 | 100.1 | 100.0 | 91.1 | 91.0 | 100.1 | 100.6 | 26.3 | 26.6 | 97.8 |
| H1 | 5.9 | 6.0 | 98.3 | 93.6 | 90.4 | 90.2 | 100.2 | 101.0 | 90.7 | 90.5 | 100.2 | 100.1 | 26.3 | 26.9 | 97.8 |
| I1 | 6.1 | 6.2 | 98.4 | 96.8 | 88.8 | 89.4 | 99.3 | 99.2 | 90.4 | 91.0 | 99.3 | 99.8 | 24.0 | 24.0 | 100.0 |
| Y1 | 6.0 | | | | 88.9 | | | | 90.6 | | | | 25.8 | | |
| A2 | 7.3 | | | | 89.7 | | | | 90.2 | | | | 23.8 | | |
| I2 | 7.8 | | | | 89.8 | | | | 89.8 | | | | 26.1 | | |
| R2 | 6.0 | | | | 89.9 | | | | 90.2 | | | | 28.4 | | |
| B3 | 6.2 | | | | 89.9 | | | | 90.2 | | | | 23.7 | | |
| D3 | 6.3 | | | | 89.8 | | | | 90.6 | | | | 25.7 | | |
| M3 | 5.8 | 6.2 | 93.5 | 92.1 | 89.2 | 89.4 | 99.8 | 99.7 | 91.2 | 90.8 | 100.4 | 100.7 | 25.0 | 24.5 | 102.0 |
| T3 | 6.5 | 6.5 | 100.0 | 103.2 | 88.5 | 88.7 | 99.8 | 98.9 | 89.7 | 89.8 | 99.9 | 99.0 | 25.7 | 25.5 | 100.8 |
| U3 | 6.6 | 6.2 | 106.4 | 104.8 | 89.4 | 90.0 | 99.3 | 99.9 | 90.6 | 91.6 | 98.9 | 100.0 | 25.7 | 26.9 | 95.5 |
| W3 | 7.2 | | | | 89.7 | | | | 90.3 | | | | 27.2 | | |
| A4 | 6.2 | 6.4 | 96.9 | 98.4 | 90.4 | 90.4 | 100.0 | 101.0 | 91.2 | 91.2 | 100.0 | 100.7 | 25.9 | 26.4 | 98.1 |
| F4 | 5.6 | 6.4 | 87.5 | 88.9 | 88.5 | 89.4 | 99.0 | 98.9 | 90.6 | 90.8 | 99.8 | 100.0 | 26.9 | 26.9 | 100.0 |
| K4 | 6.2 | | | | 90.6 | | | | 91.1 | | | | 25.1 | | |
| V4 | 6.5 | | | | 103.2 | 90.6 | | | 101.2 | 90.9 | | | 100.3 | 27.2 | |
| FXBG DATA | | | | | | | | | | | | | | | |
| CUR. | | | | | | | | | | | | | | | |
| AV. | 6.2 | | | | 89.4 | | | | 90.6 | | | | 25.5 | | 169 |
| CUM. | | | | | | | | | | | | | | | |
| AV. | 6.3 | | | | 89.5 | | | | 90.6 | | | | 25.7 | | 169 |
| IND. | | | | | | | | | | | | | | | |
| IND. | 98.4 | | | | 99.9 | | | | 100.0 | | | | 99.2 | | 100.0 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
FEBRUARY, 1982

| CODE | MOISTURE CONTENT, PERCENT | | BASIS WT., LB / M SQ FT | | ADJ. BASIS WT., LB / M SQ FT | | CALIPER, PT | | BURSTING STRENGTH, PSI | |
|------|------------------------------|-----------------|----------------------------|-----------------------|---------------------------------|---------------------|--------------|---------------|---------------------------|---------------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | |
| | CUR. AV. | FACI. IND. SC | CUR. AV. | FACI. IND. SC | CUR. AV. | FACI. IND. SC | CUR. AV. | FACI. IND. SC | CUR. AV. | FACI. IND. SC |
| C1 | 6.8 | 6.4 106.2 107.9 | 90.5 90.3 100.2 101.1 | 90.8 90.6 100.2 100.2 | 24.3 24.8 98.0 94.6 | 166 167 99.4 98.2 | | | | |
| D1 | 4.7 | | 87.6 | | 90.5 | | 26.7 | | 170 | |
| E1 | 7.3 | 7.0 104.3 115.9 | 89.5 89.4 100.1 100.0 | 89.9 90.1 99.8 99.2 | 23.1 24.0 96.2 85.9 | 175 171 102.3 103.6 | | | | |
| G1 | 6.1 | 6.0 101.7 96.8 | 89.6 89.3 100.3 100.1 | 91.2 91.0 100.2 100.7 | 27.0 | 172 167 103.0 101.8 | | | | |
| H1 | 6.0 | | 90.2 | | 90.5 | | 26.9 | | 163 | |
| T1 | 6.2 | 6.2 100.0 98.4 | 88.9 89.4 99.4 99.3 | 90.4 90.9 99.4 99.8 | 23.3 24.0 97.1 90.7 | 168 164 102.4 99.4 | | | | |
| Y1 | 6.0 | | 88.9 | | 90.5 | | 25.6 | | 172 | |
| A2 | 7.3 | 7.3 100.0 115.9 | 89.6 89.7 99.9 100.1 | 90.0 90.2 99.8 99.3 | 23.6 23.8 99.2 91.8 | 179 188 95.2 105.9 | | | | |
| I2 | 7.8 | | 89.8 | | 89.8 | | 26.1 | | 162 | |
| R2 | 6.0 | | 89.9 | | 90.2 | | 28.4 | | 171 | |
| B3 | 6.2 | | 89.9 | | 90.2 | | 23.7 | | 168 | |
| D3 | 6.3 | | 89.8 | | 90.6 | | 25.7 | | 163 | |
| M3 | 6.2 | 6.2 100.0 98.4 | 88.7 89.4 99.2 99.1 | 90.2 91.0 99.1 99.6 | 24.5 24.5 100.0 95.3 | 159 153 97.5 94.1 | | | | |
| T3 | 6.5 | 6.5 100.0 103.2 | 88.2 88.7 99.4 98.5 | 89.4 89.8 99.6 98.7 | 26.9 25.7 104.7 104.7 | 177 177 100.0 104.7 | | | | |
| U3 | 6.2 | 6.3 98.4 98.4 | 89.5 89.8 99.7 100.0 | 91.0 91.3 99.7 100.4 | 26.0 26.8 97.0 101.2 | 163 163 100.0 96.4 | | | | |
| A4 | 6.3 | 6.4 98.4 100.0 | 90.1 90.4 99.7 100.7 | 90.9 91.2 99.7 100.3 | 25.6 26.4 97.0 99.6 | 173 171 101.2 102.4 | | | | |
| F4 | 7.0 | 6.4 109.4 111.1 | 89.6 89.4 100.2 100.1 | 90.4 90.7 99.7 99.8 | 27.4 27.0 101.5 106.6 | 170 167 101.8 100.6 | | | | |
| K4 | 6.2 | | 90.6 | | 91.1 | | 25.1 | | 171 | |
| V4 | 7.4 | 6.5 113.8 117.5 | 91.4 90.6 100.9 102.1 | 91.7 90.9 100.9 101.2 | 27.3 27.2 108.4 106.2 | 185 163 113.5 109.5 | | | | |

FM3G DATA

| | | | | | |
|---------------|-----|-------|------|------|-------|
| CUR. AV. | 6.7 | 89.6 | 90.5 | 25.2 | 172 |
| CUM. AV. | 6.3 | 89.5 | 90.6 | 25.7 | 169 |
| IND. #D 106.3 | | 100.1 | 99.9 | 98.0 | 101.8 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
MARCH, 1982

| CODE | MOISTURE CONTENT, PERCENT | | BASIS WT., LB / M SQ FT | | ADJ. BASIS WT., LB / M SQ FT | | CALIPER, PT | | BURSTING STRENGTH, P S I G | |
|------|------------------------------|---------------|----------------------------|---------------|---------------------------------|---------------|--------------|---------------|-------------------------------|---------------|
| | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | | MACHINE DATA | |
| | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C | CUR. AV. | FACT. IND. °C |
| C1 | 6.4 | 107.8 | 90.5 | 90.4 | 100.1 | 101.0 | 90.8 | 90.7 | 100.1 | 100.2 |
| D1 | 5.2 | 4.8 | 82.5 | 88.0 | 87.6 | 100.4 | 98.2 | 90.5 | 90.4 | 100.1 |
| E1 | 7.5 | 7.0 | 107.1 | 89.7 | 89.4 | 100.3 | 100.1 | 90.0 | 90.1 | 99.9 |
| G1 | 6.4 | 6.0 | 106.7 | 89.7 | 89.4 | 100.3 | 100.1 | 91.0 | 91.1 | 99.9 |
| H1 | 6.0 | 6.2 | 98.4 | 88.9 | 89.3 | 99.6 | 99.2 | 90.5 | 90.8 | 99.7 |
| I1 | 6.1 | 6.2 | 98.4 | 88.9 | 89.3 | 99.6 | 99.2 | 90.5 | 90.8 | 99.7 |
| J1 | 6.0 | 7.2 | 97.2 | 89.4 | 89.6 | 99.8 | 99.8 | 90.2 | 90.2 | 100.0 |
| A2 | 7.0 | 7.2 | 97.2 | 89.4 | 89.6 | 99.8 | 99.8 | 90.2 | 90.2 | 100.0 |
| I2 | 7.8 | 6.2 | 101.6 | 89.4 | 89.9 | 99.9 | 100.0 | 90.2 | 90.2 | 100.0 |
| R2 | 6.2 | 6.2 | 101.6 | 89.4 | 89.9 | 99.9 | 100.0 | 90.2 | 90.2 | 100.0 |
| B3 | 6.2 | 6.3 | 90.3 | 88.9 | 89.4 | 99.3 | 99.4 | 90.9 | 90.9 | 100.0 |
| D3 | 5.6 | 6.2 | 90.3 | 88.9 | 89.4 | 99.3 | 99.4 | 90.9 | 90.9 | 100.0 |
| H3 | 6.6 | 6.5 | 101.5 | 89.0 | 88.8 | 100.2 | 99.3 | 90.2 | 90.0 | 100.2 |
| U3 | 6.3 | 6.3 | 100.0 | 89.7 | 89.8 | 99.9 | 100.1 | 91.1 | 91.2 | 99.9 |
| A4 | 6.8 | 6.4 | 106.2 | 90.3 | 90.4 | 99.9 | 100.8 | 91.1 | 91.2 | 99.9 |
| F4 | 6.5 | 6.5 | 100.0 | 89.3 | 89.4 | 99.9 | 99.7 | 90.6 | 90.7 | 99.9 |
| R4 | 6.2 | 6.2 | 103.2 | 89.3 | 89.4 | 99.9 | 99.7 | 90.6 | 90.7 | 99.9 |
| V4 | 6.8 | 7.0 | 97.1 | 90.9 | 91.0 | 99.9 | 101.4 | 91.2 | 91.3 | 99.9 |

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

FKBG DATA

| | | | | | |
|----------|-------|------|-------|------|-------|
| CUR. AV. | 6.4 | 89.5 | 90.6 | 25.4 | 170 |
| CUM. AV. | 6.3 | 89.6 | 90.6 | 25.7 | 169 |
| IND. °D | 101.6 | 99.9 | 100.0 | 98.8 | 100.6 |

Data submitted by the participating mills relative to conditioning and testing environments are summarized in Table XIX. The procedures used in calculating adjusted basis weight, cumulative machine averages, machine factors, machine indexes, and F.K.B.G. indexes are described in the Appendix.

It should be explained that the number of machines for which data are compiled in each table for a specified month varies for these reasons: a machine must have (a) produced at least 500 tons of the pertinent grade weight during the specified month, or (b) produced 500 tons of the pertinent grade weight during any one or more of the 12 months prior to the specified month (so that a cumulative average is available), to be included in a given table.

TABLE XIX
DATA ON CONDITIONING AND TESTING ENVIRONMENTS
JANUARY, FEBRUARY, MARCH, 1982

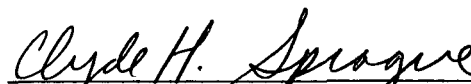
| Code | Conditioning Environment | | | | Testing Environment | |
|------|------------------------------------|--------|-----------|-------|-----------------------------|----------------------------|
| | Are Quality Samples | | Procedure | | Are Quality Samples Tested | |
| | Conditioned Before Testing? | Time | Temp., °F | RH, % | Under Controlled Conditions | of Temperature & Humidity? |
| C1 | No | -- | -- | -- | Yes: | 75 ± 5°F; 50 ± 5% RH |
| D1 | No | -- | -- | -- | No | |
| E1 | No | -- | -- | -- | No | |
| G1 | No | -- | -- | -- | Yes: | 72 ± 4°F; 50 ± 5% RH |
| H1 | No | -- | -- | -- | Yes: | 73 ± 3°F; 50 ± 2% RH |
| K1 | Yes | 10 min | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| L1 | Yes | 10 min | -- | -- | Yes: | 73 ± 3°F; 50 ± 3% RH |
| T1 | Yes | 10 min | -- | -- | Yes: | 73 ± 3°F; 50 ± 3% RH |
| V1 | No | -- | -- | -- | No | |
| Y1 | No | -- | -- | -- | No | |
| A2 | No | -- | -- | -- | Yes: | 72 ± 2°F; 50 ± 1% RH |
| C2 | No | -- | -- | -- | Yes: | 73 ± 3.5°F; 50 ± 2% RH |
| D2 | No data submitted for this quarter | | | | | |
| I2 | No data submitted for this quarter | | | | | |
| J2 | Yes | 15 min | -- | -- | Yes: | 73 ± 3.5°F; 50 ± 3% RH |
| K2 | No | -- | -- | -- | Yes: | 73 ± 3.5°F; 50 ± 2% RH |
| M2 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| N2 | No | -- | -- | -- | Yes: | 72 ± 5°F; 50 ± 5% RH |
| O2 | No | -- | -- | -- | Yes: | 72 ± 3°F; 50 ± 2% RH |
| Q2 | No data submitted for this quarter | | | | | |
| R2 | No | -- | -- | -- | No | |
| U2 | No | -- | -- | -- | Yes: | 70 ± 2°F; 50 ± 2% RH |
| V2 | Yes | 15 min | -- | -- | Yes: | 73 ± 2°F; 50 ± 1% RH |
| A3 | No | -- | -- | -- | Yes: | 73 ± 3°F; 50 ± 2% RH |
| B3 | No | -- | -- | -- | No | |
| C3 | No | -- | -- | -- | No | |
| D3 | No data submitted for this quarter | | | | | |
| E3 | No | -- | -- | -- | Yes: | 73 ± 3.5°F; 50 ± 2% RH |
| F3 | No | -- | -- | -- | Yes: | 72 ± 2°F; 50 ± 2% RH |
| I3 | No | -- | -- | -- | Yes: | 72 ± 2°F; 50 ± 2% RH |
| K3 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| L3 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| M3 | No | -- | -- | -- | No | |
| N3 | No data submitted for this quarter | | | | | |
| R3 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| T3 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| U3 | Yes | 10 min | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| V3 | No data submitted for this quarter | | | | | |
| W3 | No | -- | -- | -- | Yes: | 72 ± 5°F; 50 ± 5% RH |
| A4 | No | -- | -- | -- | No | |
| B4 | Yes | -- | -- | -- | No | |
| C4 | No | -- | -- | -- | Yes: | 73 ± 3°F; 50 ± 1% RH |
| D4 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| E4 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| F4 | No | -- | -- | -- | No | |
| G4 | No | -- | -- | -- | Yes: | 72 ± 4°F; 50 ± 5% RH |
| H4 | No | -- | -- | -- | Yes: | 72 ± 3°F; 50 ± 2% RH |
| J4 | No | -- | -- | -- | No | |
| K4 | No | -- | -- | -- | Yes: | 73 ± 3°F; 50 ± 2% RH |
| L4 | No data submitted for this quarter | | | | | |
| N4 | No | -- | -- | -- | No | |
| O4 | No | -- | -- | -- | No | |
| Q4 | No | -- | -- | -- | Yes: | 72 ± 4°F; 50 ± 5% RH |
| R4 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| S4 | Yes | 20 min | -- | -- | Yes: | 72 ± 3°F; 50 ± 2% RH |
| U4 | No | -- | -- | -- | Yes: | 73 ± 2°F; 50 ± 2% RH |
| V4 | No | -- | -- | -- | No | |

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APPENDIX

NOTES A, B, C, AND D, USED IN TABULATIONS OF MILL DATA

Notes A, B, C, and D, used in the tables of mill data are given below; these notes define the procedure used in calculating adjusted basis weight, machine factor, machine index, and F.K.B.G. index. It should be stressed that each formula is applicable only to a specific physical property of a specific grade weight of linerboard.

Note A: Adjusted basis weight (ABW) = reported weight (RBW) adjusted to moisture content of 7.8%:

$$ABW = RBW \left[\frac{(100 - \text{reported moisture content, \%})}{(100 - 7.8)} \right]$$

Note B: Machine factor (%) = $\left[\frac{\text{Current machine average}}{\text{Cumulative machine average}} \right] \cdot 100$ where

$$\text{Cumulative machine average} = \sum \frac{\text{CMA's}^a \text{ for previous 12 months excluding CMA for current month}}{12}$$

Note C: Machine index (%) = $\left[\frac{\text{Current machine average}}{\text{Cumulative F.K.B.G. average}} \right] \cdot 100$ where

$$\text{Cumulative F.K.B.G. average} = \sum \frac{\text{CFKBGA's}^b \text{ for previous 12 months excluding CFKBGA for current month}}{12}$$

Note D: F.K.B.G. index (%) = $\left[\frac{\text{Current F.K.B.G. average}}{\text{Cumulative F.K.B.G. average}} \right] \cdot 100$ where

$$\text{Current F.K.B.G. average} = \sum \frac{\text{CMA's}^a \text{ for current month for all machines}}{\text{Number of machines}}$$

^aCMA = current machine average for a specific physical property of a specific linerboard grade weight obtained during a given month on a specific machine.

^bCFKBGA = current F.K.B.G. average for a specific physical property of a specific linerboard grade weight obtained during a given month.

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